

DTX Series CableAnalyzer Limit Line Values



**Software Version 2.36
Test Limits 1.50**

July 2010



Notes:

- If Insertion Loss is less than 3 dB, the value is recorded but not used for PASS/FAIL criteria.
- If Insertion Loss is less than 4 dB, the value is recorded but not used for PASS/FAIL criteria.
- If FEXT is less 70 dB, the ACR-F value is recorded but not used for PASS/FAIL criteria.
- If PSFEXT is less 67 dB, the PSACR-F value is recorded but not used for PASS/FAIL criteria.
- The value is recorded but not used for PASS/FAIL criteria.

Updates

- 1.50 - Renamed TIA568C Backbone MM to TIA-568-C Multimode (Limits did not change) to avoid confusion
 - 1.50 - Renamed TIA568C Backbone SM ISP to TIA-568-C Singlemode ISP (Limit did not change)
 - 1.50 - Renamed TIA568C Backbone SM OSP to TIA-568-C Singlemode OSP (Limit did not change)
 - 1.50 - Removed Draft numbers from all ISO11801 test limits with ISO/IEC 11801 AMD2 being available to purchase
 - 1.50 - Removed "max" from ISO11801 test limit names to avoid confusion
 - 1.50 - Added 10GBASE-LRM Fiber test limit
 - 1.50 - Added TIA-1005 Industrial Ethernet Standard along with M12 Outlet Configurations
 - 1.50 - Added Russian test limits
 - 1.50 - Updated ZugBus limits
 - 1.50 - Renamed ISO11801 Fiber Optic Link to ISO/IEC 11801-2002 Fibre Link (Limit did not change)
 - 1.37 - Corrected ISO Lo IL Insertion Loss limit @ 450 MHz.
 - 1.36 - TIA568B Backbone MM changed to TIA568C Backbone MM (Name change only, limits remain the same)
 - 1.36 - TIA568B Backbone SM ISP changed to TIA568C Backbone SM ISP (Name change only, limits remain the same)
 - 1.36 - TIA568B Backbone SM OSP changed to TIA568C Backbone SM OSP (Name change only, limits remain the same)
 - 1.36 - **TIA568B Horiz. DELETED (Not in the new ANSI/TIA-568-C.0 standard)**
 - 1.36 - ISO/IEC 11801 Amendment 2 updated to Draft 25N1599
 - 1.36 - ISO ClassEa PL2 25N1599
 - 1.36 - ISO ClassEa PL2 25N1599 Lo IL
 - 1.36 - ISO ClassEa PL3 25N1599
 - 1.36 - ISO ClassFa PL2 25N1599
 - 1.36 - ISO ClassFa PL3 25N1599
 - 1.36 - ISO11801 CL Ea Qualification added - click here for details
 - 1.36 - Corrected accuracy bands on patch cord certification (users should observe less marginal PASS* reporting)
 - 1.36 - EN50173 updated
 - 1.36 - EN50173 PL2 Class Ea
 - 1.36 - EN50173 PL3 Class Ea
 - 1.36 - EN50173 PL2 Class Fa
 - 1.36 - EN50173 PL2 Class Fa
 - 1.36 - ISO C7A SE Patch Cord Return Loss Limits now have a minimum floor of 10 dB
- If your Class Ea Permanent Link has two connectors (no consolidation point), then you would select ISO ClassEa PL2 25N1599. If your Class Ea Permanent Link has three connectors (includes a consolidation point) then you would select ISO ClassEa PL3 25N1599. ISO ClassEa PL2 25N1599 Lo IL would only be used if ISO ClassEa PL2 25N1599 failed the AUTOTEST.***
- If your Class Ea Permanent Link has two connectors (no consolidation point), then you would select EN50173 PL2 Class Ea. If your Class Ea Permanent Link has three connectors (includes a consolidation point) then you would select EN50173 PL3 ClassEa. Same principle applies to Class Fa.***

Index

- 1) TIA Standards
- 2) ISO Standards
- 3) Aus/NZ Standards
- 4) Chinese Standards
- 5) EN (European) Standards
- 6) Japanese Standards
- 7) Korean Standards
- 8) Russian Standards
- 9) Taiwan Standards
- 10) Patch Cord Standards
- 11) Application Standards
- 12) Vendor Standards
- 13) Coax Standards
- 14) Fiber Standards
- 15) Other

**ALWAYS CONSULT YOUR CABLING
VENDOR FOR THE CORRECT TEST LIMIT**

TIA Standards

TIA Cat 3 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	4.2	39.1		34.9				
12345678					4	7.3	29.3		22.0				
					8	10.2	24.3		14.0				
12345678S					10	11.5	22.7		11.2				
12345678S					16	14.9	19.2		4.3				

TIA Cat 5e Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	60.0	17.0	57.0	57.4	57.0	54.0	54.4
12345678					4	4.5	53.5	17.0	49.1	45.4	50.5	46.1	42.4
					8	6.3	48.6	17.0	42.3	39.3	45.6	39.3	36.3
12345678S					10	7.1	47.0	17.0	39.9	37.4	44.0	36.9	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.4	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.9	27.5	35.7	22.9	24.5
					62.5	18.6	33.6	12.1	15.0	21.5	30.6	12.0	18.5
					100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

TIA Cat 6 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
12345678					4	4	63.0	19.0	59.0	51.2	60.5	56.5	48.2
					8	5.7	58.2	19.0	52.5	45.2	55.6	49.9	42.2
12345678S					10	6.3	56.6	19.0	50.2	43.3	54.0	47.7	40.3
12345678S					16	8	53.2	18.0	45.2	39.2	50.6	42.6	36.2
					20	9	51.6	17.5	42.6	37.2	49.0	39.9	34.2
					25	10.1	50.0	17.0	39.9	35.3	47.3	37.2	32.3
					31.25	11.4	48.4	16.5	37.0	33.4	45.7	34.3	30.4
					62.5	16.5	43.4	14.0	26.9	27.3	40.6	24.1	24.3
					100	21.3	39.9	12.0	18.6	23.3	37.1	15.8	20.3
					200	31.5	34.8	9.0	3.3	17.2	31.9	0.3	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

TIA Cat 6A Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
12345678S					10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
12345678S					16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
					20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
					25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
					31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
					62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
					100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
					200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
					250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
					350	40.6	30.3	6.6	-10.3	12.4	27.3	-13.3	9.4
					500	49.3	26.1	6.0	-23.2	9.3	23.2	-26.1	6.3

TIA TSB155 Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	i	555	50	1	3	65.0	19.0		63.3	62.0		60.3
12345678					4	4	63.0	19.0		51.2	60.5		48.2
					8	5.7	58.2	19.0		45.2	55.6		42.2
12345678S					10	6.3	56.6	19.0		43.3	54.0		40.3
12345678S					16	8	53.2	18.0		39.2	50.6		36.2
					20	9	51.6	17.5		37.2	49.0		34.2
					25	10.1	50.0	17.0		35.3	47.3		32.3
					31.25	11.4	48.4	16.5		33.4	45.7		30.4
					62.5	16.5	43.4	14.0		27.3	40.6		24.3
					100	21.3	39.9	12.0		23.3	37.1		20.3
					200	31.5	34.8	9.0		17.2	31.9		14.2
					250	36	33.1	8.0		15.3	30.2		12.3
					350	43.5	29.7	6.6		12.4	26.9		9.4
					500	53.4	22.0	6.0		9.3	20.4		6.3

TIA Cat 3 Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3.5	40.1		36.6				
12345678					4	6.2	30.6		24.4				
					8	8.8	25.8		17.0				
12345678S					10	9.9	24.3		14.3				
12345678S					16	13	21.0		8.0				

TIA Cat 5e Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	60.0	19.0	57.0	58.6	57.0	54.0	55.6
12345678					4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6
12345678S					8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6
					10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
					16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5
					20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6
					25	10	42.1	18.0	32.1	30.7	39.1	29.1	27.7
					31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7
					62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7
					100	21	32.3	12.0	11.3	18.6	29.3	8.3	15.6

TIA Cat 6 Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	65.0	19.1	62.0	64.2	62.0	59.0	61.2
12345678					4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1
12345678S					8	5	59.4	21.0	54.4	46.1	57.0	52.1	43.1
					10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2
					16	7	54.6	20.0	47.6	40.1	52.2	45.2	37.1
					20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2
					25	8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.6	31.3
					62.5	14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3
					100	18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2
					200	27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2
					250	31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2

TIA Cat 6A Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	65.0	19.1	62.0	64.2	62.0	59.0	61.2
12345678					4	3.5	64.1	21.0	60.5	52.1	61.8	58.3	49.1
12345678S					8	5	59.4	21.0	54.4	46.1	57.0	52.1	43.1
					10	5.5	57.8	21.0	52.3	44.2	55.5	50.0	41.2
					16	7	54.6	20.0	47.6	40.1	52.2	45.2	37.1
					20	7.8	53.1	19.5	45.2	38.2	50.7	42.8	35.2
					25	8.8	51.5	19.0	42.8	36.2	49.1	40.4	33.2
					31.25	9.8	50.0	18.5	40.2	34.3	47.5	37.7	31.3
					62.5	14	45.1	16.0	31.1	28.3	42.7	28.6	25.3
					100	18	41.8	14.0	23.9	24.2	39.3	21.3	21.2
					200	26.1	36.9	11.0	10.8	18.2	34.3	8.2	15.2
					250	29.5	35.3	10.0	5.8	16.2	32.7	3.2	13.2
					350	35.6	31.8	8.6	-3.8	13.3	29.1	-6.5	10.3
					500	43.8	26.7	8.0	-17.1	10.2	23.8	-20	7.2

TIA TSB155 PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	65.0	19.1		64.2	62.0		61.2
12345678					4	3.5	64.1	21.0		52.1	61.8		49.1
					8	5	59.4	21.0		46.1	57.0		43.1
12345678S					10	5.5	57.8	21.0		44.2	55.5		41.2
12345678S					16	7	54.6	20.0		40.1	52.2		37.1
					20	7.9	53.1	19.5		38.2	50.7		35.2
					25	8.9	51.5	19.0		36.2	49.1		33.2
					31.25	10	50.0	18.5		34.3	47.5		31.3
					62.5	14.4	45.1	16.0		28.3	42.7		25.3
					100	18.6	41.8	14.0		24.2	39.3		21.2
					200	27.4	36.9	11.0		18.2	34.3		15.2
					250	31.1	35.3	10.0		16.2	32.7		13.2
					350	37.9	30.8	7.1		13.3	28.7		10.3
					500	47.1	23.4	6.0		10.2	22.5		7.2

TIA 1005 Cat 5e Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6--	i	100 m	555	50	1	3	60.0	17.0	57.0	57.4	57.0	54.0	54.4
123--6--					4	4.5	53.5	17.0	49.1	45.4	50.5	46.1	42.4
					8	6.3	48.6	17.0	42.3	39.3	45.6	39.3	36.3
123--6--S					10	7.1	47.0	17.0	39.9	37.4	44.0	36.9	34.4
123--6--S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.4	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.9	27.5	35.7	22.9	24.5
					62.5	18.6	33.6	12.1	15.0	21.5	30.6	12.0	18.5
					100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

TIA 1005 Cat 5e Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6--	i	90 m	498	44	1	3	60.0	19.0	57.0	58.6	57.0	54.0	55.6
123--6--					4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6
					8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6
123--6--S					10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
123--6--S					16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5
					20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6
					25	10	42.1	18.0	32.1	30.7	39.1	29.1	27.7
					31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7
					62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7
					100	21	32.3	12.0	11.3	18.6	29.3	8.3	15.6

TIA 1005 Cat 6 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	100 m	555	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
4					4	63.0	19.0	59.0	51.2	60.5	56.5	48.2	
8					5.7	58.2	19.0	52.5	45.2	55.6	49.9	42.2	
123--6--S 123--6--S					10	6.3	56.6	19.0	50.2	43.3	54.0	47.7	40.3
16					8	53.2	18.0	45.2	39.2	50.6	42.6	36.2	
20					9	51.6	17.5	42.6	37.2	49.0	39.9	34.2	
25					10.1	50.0	17.0	39.9	35.3	47.3	37.2	32.3	
31.25					11.4	48.4	16.5	37.0	33.4	45.7	34.3	30.4	
62.5					16.5	43.4	14.0	26.9	27.3	40.6	24.1	24.3	
100					21.3	39.9	12.0	18.6	23.3	37.1	15.8	20.3	
200					31.5	34.8	9.0	3.3	17.2	31.9	0.3	14.2	
250					35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3	

TIA 1005 Cat 6 Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	90 m	498	44	1	3	65.0	19.1	62.0	64.2	62.0	59.0	61.2
4					3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1	
8					5	59.4	21.0	54.4	46.1	57.0	52.1	43.1	
123--6--S 123--6--S					10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2
16					7	54.6	20.0	47.6	40.1	52.2	45.2	37.1	
20					7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2	
25					8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2	
31.25					10	50.0	18.5	40.0	34.3	47.5	37.6	31.3	
62.5					14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3	
100					18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2	
200					27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2	
250					31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2	

TIA Cat 5 Ch (TSB-95)
OBsolete STANDARD

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678	i	100 m	555	50	1	3	60.0	15.0	57.0	57.0			54.4
4					4.5	50.6	15.0	46.1	45.0			42.4	
8					6.3	45.6	15.0	39.3	38.9			36.3	
12345678S 12345678S					10	7.1	44.0	15.0	36.9	37.0			34.4
16					9.1	40.6	15.0	31.6	32.9			30.3	
20					10.2	39.0	15.0	28.8	31.0			28.4	
25					11.4	37.4	14.0	26.0	29.0			26.4	
31.25					12.9	35.7	13.1	22.9	27.1			24.5	
62.5					18.6	30.6	10.1	12.0	21.1			18.5	
100					24	27.1	8.0	3.1	17.0			14.4	

TIA Cat 5 BL (TSB-95)

OBSOLETE STANDARD

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	94 m	518	45	1	3	60.0	15.0	57.0	57.0			54.4
12345678					4	4	51.8	15.0	47.8	45.0			42.4
					8	5.7	47.1	15.0	41.4	38.9			36.3
12345678S					10	6.4	45.5	15.0	39.1	37.0			34.4
12345678S					16	8.1	42.3	15.0	34.1	32.9			30.3
					20	9.1	40.7	15.0	31.6	31.0			28.4
					25	10.3	39.1	14.3	28.9	29.0			26.4
					31.25	11.6	37.6	13.6	26.0	27.1			24.5
					62.5	16.7	32.7	11.5	15.9	21.1			18.5
					100	21.6	29.3	10.1	7.7	17.0			14.4

TIA Cat 5 Ch (TSB-67)

OBSOLETE STANDARD

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	60.3						
12345678					4	4.5	50.6						
					8	6.3	45.6						
12345678S					10	7	44.0						
12345678S					16	9.2	40.6						
					20	10.3	39.0						
					25	11.4	37.4						
					31.25	12.8	35.7						
					62.5	18.5	30.6						
					100	24	27.1						

TIA Cat 5 BL (TSB-67)

OBSOLETE STANDARD

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	94 m	i	50 ns	1	3	61.3						
12345678					4	4	51.8						
					8	5.7	47.1						
12345678S					10	6.3	45.5						
12345678S					16	8.2	42.3						
					20	9.2	40.7						
					25	10.3	39.1						
					31.25	11.5	37.6						
					62.5	16.7	32.7						
					100	21.6	29.3						

ISO Standards

ISO11801 Channel Class C

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	40	i	555	50	1	4.2	39.1	15.0	34.9				
12345678					4	7.6	29.2	15.0	21.6				
					8	10.4	24.3	15.0	13.9				
12345678S					10	11.5	22.7	15.0	11.2				
12345678S					16	14.4	19.4	15.0	5.0				

ISO11801 Channel Class D

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	60.0	17.0	56.0	57.4	57.0	53.0	54.4
12345678					4	4.5	53.5	17.0	49.0	45.4	50.5	46.0	42.4
					8	6.4	48.6	17.0	42.2	39.3	45.6	39.2	36.3
12345678S					10	7.2	47.0	17.0	39.8	37.4	44.0	36.8	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.5	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.8	27.5	35.7	22.8	24.5
					62.5	18.6	33.6	12.0	15.0	21.5	30.6	12.0	18.5
	100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4				

ISO11801 Channel Class E

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.9	58.2	19.0	52.3	45.2	55.6	49.7	42.2
12345678S					10	6.6	56.6	19.0	50.0	43.3	54.0	47.4	40.3
12345678S					16	8.3	53.2	18.0	44.9	39.2	50.6	42.3	36.2
					20	9.3	51.6	17.5	42.3	37.2	49.0	39.7	34.2
					25	10.5	50.0	17.0	39.6	35.3	47.3	36.9	32.3
					31.25	11.7	48.4	16.5	36.7	33.4	45.7	34.0	30.4
					62.5	16.9	43.4	14.0	26.5	27.3	40.6	23.7	24.3
					100	21.7	39.9	12.0	18.2	23.3	37.1	15.4	20.3
					200	31.7	34.8	9.0	3.1	17.2	31.9	0.1	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

ISO TR24750 Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.9	58.2	19.0	52.3	45.2	55.6	49.7	42.2
12345678S					10	6.6	56.6	19.0	50.0	43.3	54.0	47.4	40.3
12345678S					16	8.3	53.2	18.0	44.9	39.2	50.6	42.3	36.2
					20	9.3	51.6	17.5	42.3	37.2	49.0	39.7	34.2
					25	10.5	50.0	17.0	39.6	35.3	47.3	36.9	32.3
					31.25	11.7	48.4	16.5	36.7	33.4	45.7	34.0	30.4
					62.5	16.9	43.4	14.0	26.5	27.3	40.6	23.7	24.3
					100	21.7	39.9	12.0	18.2	23.3	37.1	15.4	20.3
					200	31.7	34.8	9.0	3.1	17.2	31.9	0.1	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3
					350	43.5	29.7	6.6	-13.8	12.4	26.9	-16.5	9.4
					500	53.4	22.0	6.0	-31.4	9.3	20.4	-33.0	6.3

ISO11801 Channel Class Ea

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
12345678S					10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
12345678S					16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
					20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
					25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
					31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
					62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
					100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
					200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
					250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
					350	40.6	30.6	6.6	-10.0	12.4	27.6	-13.0	9.4
					500	49.3	27.9	6.0	-21.4	9.3	24.8	-24.5	6.3

ISO11801 Chan Class Ea Low IL <http://www.flukenetworks.com/fnet/en-us/supportAndDownloads/KB/Datacom+Cabling/DTX+CableAnalyzer/12+dB+rule+-+DTX+CableAnalyzer.htm>

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
12345678S					10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
12345678S					16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
					20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
					25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
					31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
					62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
					100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
					200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
					250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
					350	40.6	30.6	6.6	-10.0	12.4	27.6	-13.0	9.4
					450	12	28.7	6.0	16.7	10.2	25.7	13.7	7.2
	500	49.3	26.5	6.0	-22.8	9.3	23.4	-25.9	6.3				

ISO11801 Channel Class F

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	62.4	62.0	56.3	59.4
12345678S					10	6.4	65.0	19.0	58.6	60.8	62.0	55.6	57.8
12345678S					16	8.1	65.0	18.0	56.9	57.5	62.0	53.9	54.5
					20	9.1	65.0	17.5	55.9	55.9	62.0	52.9	52.9
					25	10.2	65.0	17.0	54.8	54.4	62.0	51.8	51.4
					31.25	11.4	65.0	16.5	53.6	52.8	62.0	50.6	49.8
					62.5	16.3	65.0	14.0	48.7	47.8	62.0	45.7	44.8
					100	20.8	62.9	12.0	42.1	44.4	59.9	39.1	41.4
					200	30	58.3	9.0	28.4	39.4	55.3	25.4	36.4
					250	33.8	56.9	8.0	23.1	37.8	53.9	20.1	34.8
					600	54.6	51.2	8.0	-3.4	31.3	48.2	-6.4	28.3

ISO11801 Channel Class Fa

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	65.0	62.0	56.3	62.0
12345678S					10	6.4	65.0	19.0	58.6	65.0	62.0	55.6	62.0
12345678S					16	8	65.0	18.0	57.0	63.3	62.0	54.0	60.3
					20	9	65.0	17.5	56.0	61.4	62.0	53.0	58.4
					25	10	65.0	17.0	55.0	59.4	62.0	52.0	56.4
					31.25	11.2	65.0	16.5	53.8	57.5	62.0	50.8	54.5
					62.5	15.9	65.0	14.0	49.1	51.5	62.0	46.1	48.5
					100	20.3	65.0	12.0	44.7	47.4	62.0	41.7	44.4
					200	28.9	60.9	9.0	32.0	41.4	57.9	29.0	38.4
					250	32.5	59.1	8.0	26.7	39.4	56.1	23.7	36.4
					600	51.4	52.1	8.0	0.7	31.8	49.1	-2.3	28.8

ISO11801 PL Class C

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	34	i	498	44	1	4	40.1	15.0	36.1				
12345678					4	6.4	30.6	15.0	24.2				
					8	8.8	25.8	15.0	17.0				
12345678S					10	9.8	24.3	15.0	14.5				
12345678S					16	12.2	21.1	15.0	8.8				

ISO11801 PL Class D

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	60.0	19.0	56.0	58.6	57.0	53.0	55.6
12345678					4	4	54.8	19.0	50.8	46.6	51.8	47.8	43.6
					8	5.4	50.0	19.0	44.6	40.6	47.0	41.6	37.6
12345678S					10	6.1	48.5	19.0	42.4	38.6	45.5	39.4	35.6
12345678S					16	7.7	45.2	19.0	37.5	34.5	42.2	34.5	31.5
					20	8.7	43.7	19.0	35.0	32.6	40.7	32.0	29.6
					25	9.7	42.1	18.0	32.4	30.7	39.1	29.4	27.7
					31.25	10.9	40.5	17.1	29.6	28.7	37.5	26.6	25.7
					62.5	15.8	35.7	14.0	19.8	22.7	32.7	16.8	19.7
					100	20.4	32.3	12.0	11.9	18.6	29.3	8.9	15.6

ISO11801 PL Class E

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.0	43.1
12345678S					10	5.6	57.8	21.0	52.2	44.2	55.5	49.9	41.2
12345678S					16	7.1	54.6	20.0	47.5	40.1	52.2	45.1	37.1
					20	7.9	53.1	19.5	45.1	38.2	50.7	42.7	35.2
					25	8.9	51.5	19.0	42.6	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.5	31.3
					62.5	14.4	45.1	16.0	30.7	28.3	42.7	28.2	25.3
					100	18.5	41.8	14.0	23.3	24.2	39.3	20.8	21.2
					200	27.1	36.9	11.0	9.9	18.2	34.3	7.2	15.2
					250	30.7	35.3	10.0	4.7	16.2	32.7	2.0	13.2

ISO TR24750 PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	i	555	50	1	4	65.0	19.1	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.0	43.1
12345678S					10	5.6	57.8	21.0	52.2	44.2	55.5	49.9	41.2
12345678S					16	7.1	54.6	20.0	47.5	40.1	52.2	45.1	37.1
					20	7.9	53.1	19.5	45.1	38.2	50.7	42.7	35.2
					25	8.9	51.5	19.0	42.6	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.5	31.3
					62.5	14.4	45.1	16.0	30.7	28.3	42.7	28.2	25.3
					100	18.5	41.8	14.0	23.3	24.2	39.3	20.8	21.2
					200	27.1	36.9	11.0	9.9	18.2	34.3	7.2	15.2
					250	30.7	35.3	10.0	4.7	16.2	32.7	2.0	13.2
					350	37.1	30.8	7.1	-6.3	13.3	28.7	-8.4	10.3
					500	45.6	23.4	6.0	-22.2	10.2	22.5	-23.1	7.2

ISO11801 PL2 Class Ea (Two Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	20.6	i	496	43	1	4	65.0	21.0	61.0	65.2	62.0	58.0	62.2
12345678					4	4	64.1	21.0	60.1	53.2	61.8	57.8	50.2
					8	4.9	59.4	21.0	54.5	47.2	57.0	52.1	44.2
12345678S					10	5.5	57.8	21.0	52.4	45.2	55.5	50.0	42.2
12345678S					16	6.9	54.6	20.0	47.7	41.2	52.2	45.3	38.2
					20	7.7	53.1	19.5	45.3	39.2	50.7	43.0	36.2
					25	8.6	51.5	19.0	42.9	37.3	49.1	40.5	34.3
					31.25	9.7	50.0	18.5	40.3	35.3	47.5	37.9	32.3
					62.5	13.8	45.1	16.0	31.3	29.3	42.7	28.8	26.3
					100	17.6	41.8	14.0	24.2	25.2	39.3	21.7	22.2
					200	25.4	36.9	11.0	11.5	19.2	34.3	8.9	16.2
					250	28.6	35.3	10.0	6.7	17.3	32.7	4.1	14.3
					350	34.3	32.6	8.6	-1.7	14.4	29.9	-4.4	11.4
					500	41.6	29.2	8.0	-12.4	11.3	26.4	-15.3	8.3

ISO11801 PL2 Class Ea Low IL <http://www.flukenetworks.com/fnet/en-us/supportAndDownloads/KB/Datacom+Cabling/DTX+CableAnalyzer/12+dB+rule+-+DTX+CableAnalyzer.htm>

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	20.6	i	496	43	1	4	65.0	21.0	61.0	65.2	62.0	58.0	62.2
12345678					4	4	64.1	21.0	60.1	53.2	61.8	57.8	50.2
					8	4.9	59.4	21.0	54.5	47.2	57.0	52.1	44.2
12345678S					10	5.5	57.8	21.0	52.4	45.2	55.5	50.0	42.2
12345678S					16	6.9	54.6	20.0	47.7	41.2	52.2	45.3	38.2
					20	7.7	53.1	19.5	45.3	39.2	50.7	43.0	36.2
					25	8.6	51.5	19.0	42.9	37.3	49.1	40.5	34.3
					31.25	9.7	50.0	18.5	40.3	35.3	47.5	37.9	32.3
					62.5	13.8	45.1	16.0	31.3	29.3	42.7	28.8	26.3
					100	17.6	41.8	14.0	24.2	25.2	39.3	21.7	22.2
					200	25.4	36.9	11.0	11.5	19.2	34.3	8.9	16.2
					250	28.6	35.3	10.0	6.7	17.3	32.7	4.1	14.3
					350	34.3	32.6	8.6	-1.7	14.4	29.9	-4.4	11.4
					450	12	30.2	8.0	18.2	12.2	27.4	15.4	9.2
	500	41.6	27.8	8.0	-13.8	11.3	25.0	-16.7	8.3				

ISO11801 PL3 Class Ea (Three Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	4.9	59.4	21.0	54.4	46.1	57.0	52.1	43.1
12345678S					10	5.5	57.8	21.0	52.3	44.2	55.5	50.0	41.2
12345678S					16	7	54.6	20.0	47.6	40.1	52.2	45.2	37.1
					20	7.8	53.1	19.5	45.3	38.2	50.7	42.9	35.2
					25	8.7	51.5	19.0	42.8	36.2	49.1	40.4	33.2
					31.25	9.8	50.0	18.5	40.2	34.3	47.5	37.8	31.3
					62.5	14	45.1	16.0	31.2	28.3	42.7	28.7	25.3
					100	17.8	41.8	14.0	24.0	24.2	39.3	21.5	21.2
					200	25.7	36.9	11.0	11.3	18.2	34.3	8.7	15.2
					250	28.9	35.3	10.0	6.4	16.2	32.7	3.8	13.2
					350	34.6	32.2	8.6	-2.5	13.3	29.4	-5.2	10.3
					500	42.1	27.9	8.0	-14.2	10.2	24.8	-17.2	7.2

ISO11801 PL Class F

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678S					8	4.9	65.0	21.0	60.1	64.3	62.0	57.1	61.3
					10	5.5	65.0	21.0	59.5	62.7	62.0	56.5	59.7
12345678S					16	6.9	65.0	20.0	58.1	59.3	62.0	55.1	56.3
12345678S					20	7.7	65.0	19.5	57.3	57.7	62.0	54.3	54.7
					25	8.7	65.0	19.0	56.3	56.1	62.0	53.3	53.1
					31.25	9.7	65.0	18.5	55.3	54.5	62.0	52.3	51.5
					62.5	13.9	65.0	16.0	51.1	49.5	62.0	48.1	46.5
					100	17.7	65.0	14.0	47.3	46.0	62.0	44.3	43.0
					200	25.6	61.9	11.0	36.3	40.9	58.9	33.3	37.9
12345678S					250	28.8	60.4	10.0	31.6	39.2	57.4	28.6	36.2
					600	46.6	54.7	10.0	8.1	32.6	51.7	5.1	29.6

ISO11801 PL2 Class Fa (Two Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	20.6	i	496	25	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678S					8	4.8	65.0	21.0	60.2	65.0	62.0	57.2	62.0
					10	5.4	65.0	21.0	59.6	65.0	62.0	56.6	62.0
12345678S					16	6.8	65.0	20.0	58.2	65.0	62.0	55.2	62.0
12345678S					20	7.6	65.0	19.5	57.4	64.5	62.0	54.4	61.5
					25	8.5	65.0	19.0	56.5	62.5	62.0	53.5	59.5
					31.25	9.5	65.0	18.5	55.5	60.6	62.0	52.5	57.6
					62.5	13.4	65.0	16.0	51.6	54.6	62.0	48.6	51.6
					100	17.1	65.0	14.0	47.9	50.5	62.0	44.9	47.5
					200	24.4	63.5	11.0	39.1	44.5	60.5	36.1	41.5
12345678S					250	27.4	61.7	10.0	34.4	42.5	58.7	31.4	39.5
					600	43.4	54.7	10.0	11.3	34.9	51.7	8.3	31.9

ISO11801 PL3 Class Fa (Three Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678S					8	4.9	65.0	21.0	60.1	65.0	62.0	57.1	62.0
					10	5.4	65.0	21.0	59.6	65.0	62.0	56.6	62.0
12345678S					16	6.8	65.0	20.0	58.2	64.7	62.0	55.2	61.7
12345678S					20	7.7	65.0	19.5	57.3	62.8	62.0	54.3	59.8
					25	8.6	65.0	19.0	56.4	60.8	62.0	53.4	57.8
					31.25	9.6	65.0	18.5	55.4	58.9	62.0	52.4	55.9
					62.5	13.6	65.0	16.0	51.4	52.9	62.0	48.4	49.9
					100	17.3	65.0	14.0	47.7	48.8	62.0	44.7	45.8
					200	24.7	63.5	11.0	38.9	42.8	60.5	35.9	39.8
12345678S					250	27.7	61.7	10.0	34.0	40.8	58.7	31.0	37.8
					600	43.9	54.7	10.0	10.8	33.2	51.7	7.8	30.2

ISO15018 BCT-B-H Perm. Link DTX-PLA011 or DTX-PLA012 Permanent Link Adapter required

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	2	65.0	21.0	63.0	65.0	62.0	60.0	62.0
12345678					4	2	65.0	21.0	63.0	65.0	62.0	60.0	62.0
12345678S					8	2.2	65.0	21.0	62.8	64.3	62.0	59.8	61.3
					10	2.5	65.0	21.0	62.5	62.7	62.0	59.5	59.7
12345678S					16	3.2	65.0	20.0	61.8	59.3	62.0	58.8	56.3
12345678S					20	3.5	65.0	19.5	61.5	57.7	62.0	58.5	54.7
					25	4	65.0	19.0	61.0	56.1	62.0	58.0	53.1
					31.25	4.4	65.0	18.5	60.6	54.5	62.0	57.6	51.5
					62.5	6.3	65.0	16.0	58.7	49.5	62.0	55.7	46.5
					100	8.1	65.0	14.0	56.9	46.0	62.0	53.9	43.0
					200	11.7	61.9	11.0	50.1	40.9	58.9	47.1	37.9
12345678S					250	13.2	60.4	10.0	47.2	39.2	57.4	44.2	36.2
					600	21.4	54.7	10.0	33.3	32.6	51.7	30.3	29.6

ISO15018 BCT-B-L Perm. Link DTX-PLA011 or DTX-PLA012 Permanent Link Adapter required

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	2	65.0	21.0	63.0	65.0	62.0	60.0	62.0
12345678					4	2	65.0	21.0	63.0	65.0	62.0	60.0	62.0
12345678S					8	2	65.0	21.0	63.0	64.3	62.0	60.0	61.3
					10	2	65.0	21.0	63.0	62.7	62.0	60.0	59.7
12345678S					16	2	65.0	20.0	63.0	59.3	62.0	60.0	56.3
12345678S					20	2	65.0	19.5	63.0	57.7	62.0	60.0	54.7
					25	2	65.0	19.0	63.0	56.1	62.0	60.0	53.1
					31.25	2	65.0	18.5	63.0	54.5	62.0	60.0	51.5
					62.5	2	65.0	16.0	63.0	49.5	62.0	60.0	46.5
					100	2	65.0	14.0	63.0	46.0	62.0	60.0	43.0
					200	2.4	61.9	11.0	59.5	40.9	58.9	56.5	37.9
12345678S					250	2.7	60.4	10.0	57.8	39.2	57.4	54.8	36.2
					600	4.3	54.7	10.0	50.4	32.6	51.7	47.4	29.6

ISO15018 BCT-B-M Perm. Link DTX-PLA011 or DTX-PLA012 Permanent Link Adapter required

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	2	65.0	21.0	63.0	65.0	62.0	60.0	62.0
12345678					4	2	65.0	21.0	63.0	65.0	62.0	60.0	62.0
12345678S					8	2	65.0	21.0	63.0	64.3	62.0	60.0	61.3
					10	2	65.0	21.0	63.0	62.7	62.0	60.0	59.7
12345678S					16	2	65.0	20.0	63.0	59.3	62.0	60.0	56.3
12345678S					20	2	65.0	19.5	63.0	57.7	62.0	60.0	54.7
					25	2	65.0	19.0	63.0	56.1	62.0	60.0	53.1
					31.25	2	65.0	18.5	63.0	54.5	62.0	60.0	51.5
					62.5	2.9	65.0	16.0	62.1	49.5	62.0	59.1	46.5
					100	3.7	65.0	14.0	61.3	46.0	62.0	58.3	43.0
					200	5.4	61.9	11.0	56.5	40.9	58.9	53.5	37.9
12345678S					250	6.1	60.4	10.0	54.3	39.2	57.4	51.3	36.2
					600	9.8	54.7	10.0	44.9	32.6	51.7	41.9	29.6

ISO15018 BCT-B-H Channel

DTX-CHA011 or DTX-CHA012 Permanent Link Adapter required

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	26	1	2	65.0	19.0	63.0	65.0	62.0	60.0	62.0
12345678					4	2	65.0	19.0	63.0	65.0	62.0	60.0	62.0
12345678S					8	2.5	65.0	19.0	62.5	62.4	62.0	59.5	59.4
					10	2.8	65.0	19.0	62.2	60.8	62.0	59.2	57.8
12345678S					16	3.5	65.0	18.0	61.5	57.5	62.0	58.5	54.5
12345678S					20	3.9	65.0	17.5	61.1	55.9	62.0	58.1	52.9
					25	4.4	65.0	17.0	60.6	54.4	62.0	57.6	51.4
					31.25	5	65.0	16.5	60.0	52.8	62.0	57.0	49.8
					62.5	7.1	65.0	14.0	57.9	47.8	62.0	54.9	44.8
					100	9.1	62.9	12.0	53.8	44.4	59.9	50.8	41.4
					200	13.1	58.3	9.0	45.3	39.4	55.3	42.3	36.4
12345678S					250	14.8	56.9	8.0	42.1	37.8	53.9	39.1	34.8
					600	23.9	51.2	8.0	27.3	31.3	48.2	24.3	28.3

ISO15018 BCT-B-L Channel

DTX-CHA011 or DTX-CHA012 Permanent Link Adapter required

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	2	65.0	19.0	63.0	65.0	62.0	60.0	62.0
12345678					4	2	65.0	19.0	63.0	65.0	62.0	60.0	62.0
12345678S					8	2	65.0	19.0	63.0	62.4	62.0	60.0	59.4
					10	2	65.0	19.0	63.0	60.8	62.0	60.0	57.8
12345678S					16	2	65.0	18.0	63.0	57.5	62.0	60.0	54.5
12345678S					20	2	65.0	17.5	63.0	55.9	62.0	60.0	52.9
					25	2	65.0	17.0	63.0	54.4	62.0	60.0	51.4
					31.25	2	65.0	16.5	63.0	52.8	62.0	60.0	49.8
					62.5	2	65.0	14.0	63.0	47.8	62.0	60.0	44.8
					100	2.6	62.9	12.0	60.3	44.4	59.9	57.3	41.4
					200	3.7	58.3	9.0	54.6	39.4	55.3	51.6	36.4
12345678S					250	4.2	56.9	8.0	52.7	37.8	53.9	49.7	34.8
					600	6.8	51.2	8.0	44.4	31.3	48.2	41.4	28.3

ISO15018 BCT-B-M Channel

DTX-CHA011 or DTX-CHA012 Permanent Link Adapter required

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	2	65.0	19.0	63.0	65.0	62.0	60.0	62.0
12345678					4	2	65.0	19.0	63.0	65.0	62.0	60.0	62.0
12345678S					8	2	65.0	19.0	63.0	62.4	62.0	60.0	59.4
					10	2	65.0	19.0	63.0	60.8	62.0	60.0	57.8
12345678S					16	2	65.0	18.0	63.0	57.5	62.0	60.0	54.5
12345678S					20	2	65.0	17.5	63.0	55.9	62.0	60.0	52.9
					25	2.3	65.0	17.0	62.7	54.4	62.0	59.7	51.4
					31.25	2.6	65.0	16.5	62.4	52.8	62.0	59.4	49.8
					62.5	3.7	65.0	14.0	61.3	47.8	62.0	58.3	44.8
					100	4.7	62.9	12.0	58.2	44.4	59.9	55.2	41.4
					200	6.8	58.3	9.0	51.6	39.4	55.3	48.6	36.4
12345678S					250	7.6	56.9	8.0	49.3	37.8	53.9	46.3	34.8
					600	12.3	51.2	8.0	38.9	31.3	48.2	35.9	28.3

ISO11801 Cl. Ea Qualification <http://www.flukenetworks.com/fnet/en-us/supportAndDownloads/KB/Datacom+Cabling/DTX+CableAnalyzer/ISO11801+Cl+Ea+Qualification+Test+Limit.htm>

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
12345678S					10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
12345678S					16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
					20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
					25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
					31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
					62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
					100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
					200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
					250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
					350	40.6	30.6	6.6	-10.0	12.4	27.6	-13.0	9.4
					500	49.3	27.9	6.0	-21.4	9.3	24.8	-24.5	6.3

ISO11801 Class D (1995)

OBSOLETE STANDARD

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	40	100	1000	50	1	2.5	54.0						
12345678					4	4.8	45.0						
					8	6.7	41.0						
12345678S					10	7.5	39.0						
12345678S					16	9.4	36.0						
					20	10.5	35.0						
					25	11.7	33.7						
					31.25	13.1	32.0						
					62.5	18.4	27.0						
					100	23.2	24.0						

Aus/NZ Standards

Aus/NZ Channel Class C

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	40	i	555	50	1	4.2	39.1	15.0	34.9				
12345678					4	7.6	29.2	15.0	21.6				
					8	10.4	24.3	15.0	13.9				
12345678S					10	11.5	22.7	15.0	11.2				
12345678S					16	14.4	19.4	15.0	5.0				

Aus/NZ Channel Class D

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	60.0	17.0	56.0	57.4	57.0	53.0	54.4
12345678					4	4.5	53.5	17.0	49.0	45.4	50.5	46.0	42.4
					8	6.4	48.6	17.0	42.2	39.3	45.6	39.2	36.3
12345678S					10	7.2	47.0	17.0	39.8	37.4	44.0	36.8	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.5	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.8	27.5	35.7	22.8	24.5
					62.5	18.6	33.6	12.0	15.0	21.5	30.6	12.0	18.5
					100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

Aus/NZ Channel Class E

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.9	58.2	19.0	52.3	45.2	55.6	49.7	42.2
12345678S					10	6.6	56.6	19.0	50.0	43.3	54.0	47.4	40.3
12345678S					16	8.3	53.2	18.0	44.9	39.2	50.6	42.3	36.2
					20	9.3	51.6	17.5	42.3	37.2	49.0	39.7	34.2
					25	10.5	50.0	17.0	39.6	35.3	47.3	36.9	32.3
					31.25	11.7	48.4	16.5	36.7	33.4	45.7	34.0	30.4
					62.5	16.9	43.4	14.0	26.5	27.3	40.6	23.7	24.3
					100	21.7	39.9	12.0	18.2	23.3	37.1	15.4	20.3
					200	31.7	34.8	9.0	3.1	17.2	31.9	0.1	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

Aus/NZ PL max Class C

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	34	i	498	44	1	4	40.1	15.0	36.1				
12345678					4	6.4	30.6	15.0	24.2				
					8	8.8	25.8	15.0	17.0				
12345678S					10	9.8	24.3	15.0	14.5				
12345678S					16	12.2	21.1	15.0	8.8				

Aus/NZ PL max Class D

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	60.0	19.0	56.0	58.6	57.0	53.0	55.6
12345678					4	4	54.8	19.0	50.8	46.6	51.8	47.8	43.6
					8	5.4	50.0	19.0	44.6	40.6	47.0	41.6	37.6
12345678S					10	6.1	48.5	19.0	42.4	38.6	45.5	39.4	35.6
12345678S					16	7.7	45.2	19.0	37.5	34.5	42.2	34.5	31.5
					20	8.7	43.7	19.0	35.0	32.6	40.7	32.0	29.6
					25	9.7	42.1	18.0	32.4	30.7	39.1	29.4	27.7
					31.25	10.9	40.5	17.1	29.6	28.7	37.5	26.6	25.7
					62.5	15.8	35.7	14.0	19.8	22.7	32.7	16.8	19.7
					100	20.4	32.3	12.0	11.9	18.6	29.3	8.9	15.6

Aus/NZ PL max Class E

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.0	43.1
12345678S					10	5.6	57.8	21.0	52.2	44.2	55.5	49.9	41.2
12345678S					16	7.1	54.6	20.0	47.5	40.1	52.2	45.1	37.1
					20	7.9	53.1	19.5	45.1	38.2	50.7	42.7	35.2
					25	8.9	51.5	19.0	42.6	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.5	31.3
					62.5	14.4	45.1	16.0	30.7	28.3	42.7	28.2	25.3
					100	18.5	41.8	14.0	23.3	24.2	39.3	20.8	21.2
					200	27.1	36.9	11.0	9.9	18.2	34.3	7.2	15.2
					250	30.7	35.3	10.0	4.7	16.2	32.7	2.0	13.2

Chinese Standards

GB 50312-2007 Cat 3 Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100	555	50	1	4.2	39.1		34.9				
12345678					4	7.3	29.3		22.0				
					8	10.2	24.3		14.0				
12345678S					10	11.5	22.7		11.2				
12345678S					16	14.9	19.2		4.3				

GB 50312-2007 Cat 5 Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	i	50	1	3	60.3						
12345678					4	4.5	50.6						
					8	6.3	45.6						
12345678S					10	7	44.0						
12345678S					16	9.2	40.6						
					20	10.3	39.0						
					25	11.4	37.4						
					31.25	12.8	35.7						
					62.5	18.5	30.6						
	100	24	27.1										

GB 50312-2007 Cat 5e Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	60.0	17.0	56.0	57.4	57.0	53.0	54.4
12345678					4	4.5	53.5	17.0	49.0	45.4	50.5	46.0	42.4
					8	6.4	48.6	17.0	42.2	39.3	45.6	39.2	36.3
12345678S					10	7.2	47.0	17.0	39.8	37.4	44.0	36.8	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.5	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.8	27.5	35.7	22.8	24.5
					62.5	18.6	33.6	12.0	15.0	21.5	30.6	12.0	18.5
	100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4				

GB 50312-2007 Cat 6 Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.9	58.2	19.0	52.3	45.2	55.6	49.7	42.2
12345678S					10	6.6	56.6	19.0	50.0	43.3	54.0	47.4	40.3
12345678S					16	8.3	53.2	18.0	44.9	39.2	50.6	42.3	36.2
					20	9.3	51.6	17.5	42.3	37.2	49.0	39.7	34.2
					25	10.5	50.0	17.0	39.6	35.3	47.3	36.9	32.3
					31.25	11.7	48.4	16.5	36.7	33.4	45.7	34.0	30.4
					62.5	16.9	43.4	14.0	26.5	27.3	40.6	23.7	24.3
					100	21.7	39.9	12.0	18.2	23.3	37.1	15.4	20.3
					200	31.7	34.8	9.0	3.1	17.2	31.9	0.1	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

GB 50312-2007 Cat 7 Ch

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	62.4	62.0	56.3	59.4
12345678S					10	6.4	65.0	19.0	58.6	60.8	62.0	55.6	57.8
12345678S					16	8.1	65.0	18.0	56.9	57.5	62.0	53.9	54.5
					20	9.1	65.0	17.5	55.9	55.9	62.0	52.9	52.9
					25	10.2	65.0	17.0	54.8	54.4	62.0	51.8	51.4
					31.25	11.4	65.0	16.5	53.6	52.8	62.0	50.6	49.8
					62.5	16.3	65.0	14.0	48.7	47.8	62.0	45.7	44.8
					100	20.8	62.9	12.0	42.1	44.4	59.9	39.1	41.4
					200	30	58.3	9.0	28.4	39.4	55.3	25.4	36.4
					250	33.8	56.9	8.0	23.1	37.8	53.9	20.1	34.8
					600	54.6	51.2	8.0	-3.4	31.3	48.2	-6.4	28.3

GB 50312-2007 Cat 7 Ch no CP

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	61.0	65.0	62.0	58.0	62.0
					8	5.7	65.0	19.0	59.4	62.4	62.0	56.4	59.4
12345678S					10	6.4	65.0	19.0	58.7	60.8	62.0	55.7	57.8
12345678S					16	8.1	65.0	18.0	57.1	57.5	62.0	54.1	54.5
					20	9.1	65.0	17.5	56.1	55.9	62.0	53.1	52.9
					25	10.2	65.0	17.0	55.0	54.4	62.0	52.0	51.4
					31.25	11.4	65.0	16.5	53.8	52.8	62.0	50.8	49.8
					62.5	16.3	65.0	14.0	49.1	47.8	62.0	46.1	44.8
					100	20.8	62.9	12.0	44.6	44.4	59.9	41.6	41.4
					200	30	58.3	9.0	32.5	39.4	55.3	29.5	36.4
					250	33.8	56.9	8.0	27.3	37.8	53.9	24.3	34.8
					600	54.6	51.2	8.0	1.1	31.3	48.2	-1.9	28.3

GB 50312-2007 Cat 3 BL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	94 m	518	i	1	3.2	40.1						
12345678					4	6.1	30.7						
					8	8.8	25.9						
12345678S					10	10	24.3						
12345678S					16	13.2	21.0						

GB 50312-2007 Cat 5 BL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	94 m	i	50	1	3	60.0						
12345678					4	4	51.8						
					8	5.7	47.1						
12345678S					10	6.4	45.5						
12345678S					16	8.1	42.3						
					20	9.1	40.7						
					25	10.3	39.1						
					31.25	11.6	37.6						
					62.5	16.7	32.7						
					100	21.6	29.3						

GB 50312-2007 Cat 5e PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	60.0	19.0	56.0	58.6	57.0	53.0	55.6
12345678					4	4	54.8	19.0	50.8	46.6	51.8	47.8	43.6
					8	5.4	50.0	19.0	44.6	40.6	47.0	41.6	37.6
12345678S					10	6.1	48.5	19.0	42.4	38.6	45.5	39.4	35.6
12345678S					16	7.7	45.2	19.0	37.5	34.5	42.2	34.5	31.5
					20	8.7	43.7	19.0	35.0	32.6	40.7	32.0	29.6
					25	9.7	42.1	18.0	32.4	30.7	39.1	29.4	27.7
					31.25	10.9	40.5	17.1	29.6	28.7	37.5	26.6	25.7
					62.5	15.8	35.7	14.0	19.8	22.7	32.7	16.8	19.7
					100	20.4	32.3	12.0	11.9	18.6	29.3	8.9	15.6

GB 50312-2007 Cat 6 PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.0	43.1
12345678S					10	5.6	57.8	21.0	52.2	44.2	55.5	49.9	41.2
12345678S					16	7.1	54.6	20.0	47.5	40.1	52.2	45.1	37.1
					20	7.9	53.1	19.5	45.1	38.2	50.7	42.7	35.2
					25	8.9	51.5	19.0	42.6	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.5	31.3
					62.5	14.4	45.1	16.0	30.7	28.3	42.7	28.2	25.3
					100	18.5	41.8	14.0	23.3	24.2	39.3	20.8	21.2
					200	27.1	36.9	11.0	9.9	18.2	34.3	7.2	15.2
					250	30.7	35.3	10.0	4.7	16.2	32.7	2.0	13.2

GB 50312-2007 Cat 7 PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
					8	4.9	65.0	21.0	60.1	64.3	62.0	57.1	61.3
12345678S					10	5.5	65.0	21.0	59.5	62.7	62.0	56.5	59.7
12345678S					16	6.9	65.0	20.0	58.1	59.3	62.0	55.1	56.3
					20	7.7	65.0	19.5	57.3	57.7	62.0	54.3	54.7
					25	8.7	65.0	19.0	56.3	56.1	62.0	53.3	53.1
					31.25	9.7	65.0	18.5	55.3	54.5	62.0	52.3	51.5
					62.5	13.9	65.0	16.0	51.1	49.5	62.0	48.1	46.5
					100	17.7	65.0	14.0	47.3	46.0	62.0	44.3	43.0
					200	25.6	61.9	11.0	36.3	40.9	58.9	33.3	37.9
					250	28.8	60.4	10.0	31.6	39.2	57.4	28.6	36.2
					600	46.6	54.7	10.0	8.1	32.6	51.7	5.1	29.6

GB 50312-2007 Cat 7 PL no CP

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
					8	4.9	65.0	21.0	60.2	64.3	62.0	57.2	61.3
12345678S					10	5.5	65.0	21.0	59.6	62.7	62.0	56.6	59.7
12345678S					16	6.9	65.0	20.0	58.2	59.3	62.0	55.2	56.3
					20	7.7	65.0	19.5	57.4	57.7	62.0	54.4	54.7
					25	8.7	65.0	19.0	56.4	56.1	62.0	53.4	53.1
					31.25	9.7	65.0	18.5	55.4	54.5	62.0	52.4	51.5
					62.5	13.9	65.0	16.0	51.3	49.5	62.0	48.3	46.5
					100	17.7	65.0	14.0	47.5	46.0	62.0	44.5	43.0
					200	25.6	61.9	11.0	36.6	40.9	58.9	33.6	37.9
					250	28.8	60.4	10.0	31.9	39.2	57.4	28.9	36.2
					600	46.6	54.7	10.0	8.6	32.6	51.7	5.6	29.6

EN (European) Standards

EN50173 Channel Class C

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	40	i	555	50	1	4.2	39.1	15.0	34.9				
12345678					4	7.6	29.2	15.0	21.6				
					8	10.4	24.3	15.0	13.9				
12345678S					10	11.5	22.7	15.0	11.2				
12345678S					16	14.4	19.4	15.0	5.0				

EN50173 Channel Class D

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	60.0	17.0	56.0	57.4	57.0	53.0	54.4
12345678					4	4.5	53.5	17.0	49.0	45.4	50.5	46.0	42.4
					8	6.4	48.6	17.0	42.2	39.3	45.6	39.2	36.3
12345678S					10	7.2	47.0	17.0	39.8	37.4	44.0	36.8	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.5	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.8	27.5	35.7	22.8	24.5
					62.5	18.6	33.6	12.0	15.0	21.5	30.6	12.0	18.5
	100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4				

EN50173 Channel Class E

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.9	58.2	19.0	52.3	45.2	55.6	49.7	42.2
12345678S					10	6.6	56.6	19.0	50.0	43.3	54.0	47.4	40.3
12345678S					16	8.3	53.2	18.0	44.9	39.2	50.6	42.3	36.2
					20	9.3	51.6	17.5	42.3	37.2	49.0	39.7	34.2
					25	10.5	50.0	17.0	39.6	35.3	47.3	36.9	32.3
					31.25	11.7	48.4	16.5	36.7	33.4	45.7	34.0	30.4
					62.5	16.9	43.4	14.0	26.5	27.3	40.6	23.7	24.3
					100	21.7	39.9	12.0	18.2	23.3	37.1	15.4	20.3
					200	31.7	34.8	9.0	3.1	17.2	31.9	0.1	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

EN50173 Channel Class Ea

DRAFT STANDARD - For Verification Purposes ONLY

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.8	58.2	19.0	52.4	45.2	55.6	49.8	42.2
12345678S					10	6.5	56.6	19.0	50.1	43.3	54.0	47.5	40.3
12345678S					16	8.2	53.2	18.0	45.0	39.2	50.6	42.4	36.2
					20	9.2	51.6	17.5	42.5	37.2	49.0	39.8	34.2
					25	10.2	50.0	17.0	39.8	35.3	47.3	37.1	32.3
					31.25	11.5	48.4	16.5	36.9	33.4	45.7	34.2	30.4
					62.5	16.4	43.4	14.0	27.0	27.3	40.6	24.2	24.3
					100	20.9	39.9	12.0	19.0	23.3	37.1	16.2	20.3
					200	30.1	34.8	9.0	4.7	17.2	31.9	1.8	14.2
					250	33.9	33.1	8.0	-0.8	15.3	30.2	-3.7	12.3
					350	40.6	30.6	6.6	-10.0	12.4	27.6	-13.0	9.4
					500	49.3	27.9	6.0	-21.4	9.3	24.8	-24.5	6.3

EN50173 Channel Class F

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	62.4	62.0	56.3	59.4
12345678S					10	6.4	65.0	19.0	58.6	60.8	62.0	55.6	57.8
12345678S					16	8.1	65.0	18.0	56.9	57.5	62.0	53.9	54.5
					20	9.1	65.0	17.5	55.9	55.9	62.0	52.9	52.9
					25	10.2	65.0	17.0	54.8	54.4	62.0	51.8	51.4
					31.25	11.4	65.0	16.5	53.6	52.8	62.0	50.6	49.8
					62.5	16.3	65.0	14.0	48.7	47.8	62.0	45.7	44.8
					100	20.8	62.9	12.0	42.1	44.4	59.9	39.1	41.4
					200	30	58.3	9.0	28.4	39.4	55.3	25.4	36.4
					250	33.8	56.9	8.0	23.1	37.8	53.9	20.1	34.8
					600	54.6	51.2	8.0	-3.4	31.3	48.2	-6.4	28.3

EN50173 Channel Class Fa

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	65.0	62.0	56.3	62.0
12345678S					10	6.4	65.0	19.0	58.6	65.0	62.0	55.6	62.0
12345678S					16	8	65.0	18.0	57.0	63.3	62.0	54.0	60.3
					20	9	65.0	17.5	56.0	61.4	62.0	53.0	58.4
					25	10	65.0	17.0	55.0	59.4	62.0	52.0	56.4
					31.25	11.2	65.0	16.5	53.8	57.5	62.0	50.8	54.5
					62.5	15.9	65.0	14.0	49.1	51.5	62.0	46.1	48.5
					100	20.3	65.0	12.0	44.7	47.4	62.0	41.7	44.4
					200	28.9	60.9	9.0	32.0	41.4	57.9	29.0	38.4
					250	32.5	59.1	8.0	26.7	39.4	56.1	23.7	36.4
					600	51.4	52.1	8.0	0.7	31.8	49.1	-2.3	28.8

EN50173 PL Class C

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	34	i	498	44	1	4	40.1	15.0	36.1				
12345678					4	6.4	30.6	15.0	24.2				
					8	8.8	25.8	15.0	17.0				
12345678S					10	9.8	24.3	15.0	14.5				
12345678S					16	12.2	21.1	15.0	8.8				

EN50173 PL Class D

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	60.0	19.0	56.0	58.6	57.0	53.0	55.6
12345678					4	4	54.8	19.0	50.8	46.6	51.8	47.8	43.6
					8	5.4	50.0	19.0	44.6	40.6	47.0	41.6	37.6
12345678S					10	6.1	48.5	19.0	42.4	38.6	45.5	39.4	35.6
12345678S					16	7.7	45.2	19.0	37.5	34.5	42.2	34.5	31.5
					20	8.7	43.7	19.0	35.0	32.6	40.7	32.0	29.6
					25	9.7	42.1	18.0	32.4	30.7	39.1	29.4	27.7
					31.25	10.9	40.5	17.1	29.6	28.7	37.5	26.6	25.7
					62.5	15.8	35.7	14.0	19.8	22.7	32.7	16.8	19.7
					100	20.4	32.3	12.0	11.9	18.6	29.3	8.9	15.6

EN50173 PL Class E

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.0	43.1
12345678S					10	5.6	57.8	21.0	52.2	44.2	55.5	49.9	41.2
12345678S					16	7.1	54.6	20.0	47.5	40.1	52.2	45.1	37.1
					20	7.9	53.1	19.5	45.1	38.2	50.7	42.7	35.2
					25	8.9	51.5	19.0	42.6	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.5	31.3
					62.5	14.4	45.1	16.0	30.7	28.3	42.7	28.2	25.3
					100	18.5	41.8	14.0	23.3	24.2	39.3	20.8	21.2
					200	27.1	36.9	11.0	9.9	18.2	34.3	7.2	15.2
					250	30.7	35.3	10.0	4.7	16.2	32.7	2.0	13.2

EN50173 PL2 Class Ea (Two Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	20.6	i	496	43	1	4	65.0	21.0	61.0	65.2	62.0	58.0	62.2
12345678					4	4	64.1	21.0	60.1	53.2	61.8	57.8	50.2
					8	4.9	59.4	21.0	54.5	47.2	57.0	52.1	44.2
12345678S					10	5.5	57.8	21.0	52.4	45.2	55.5	50.0	42.2
12345678S					16	6.9	54.6	20.0	47.7	41.2	52.2	45.3	38.2
					20	7.7	53.1	19.5	45.3	39.2	50.7	43.0	36.2
					25	8.6	51.5	19.0	42.9	37.3	49.1	40.5	34.3
					31.25	9.7	50.0	18.5	40.3	35.3	47.5	37.9	32.3
					62.5	13.8	45.1	16.0	31.3	29.3	42.7	28.8	26.3
					100	17.6	41.8	14.0	24.2	25.2	39.3	21.7	22.2
					200	25.4	36.9	11.0	11.5	19.2	34.3	8.9	16.2
					250	28.6	35.3	10.0	6.7	17.3	32.7	4.1	14.3
					350	34.3	32.6	8.6	-1.7	14.4	29.9	-4.4	11.4
					500	41.6	29.3	8.0	-12.4	11.3	26.4	-15.3	8.3

EN50173 PL3 Class Ea (Three Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	4.9	59.4	21.0	54.4	46.1	57.0	52.1	43.1
12345678S					10	5.5	57.8	21.0	52.3	44.2	55.5	50.0	41.2
12345678S					16	7	54.6	20.0	47.6	40.1	52.2	45.2	37.1
					20	7.8	53.1	19.5	45.3	38.2	50.7	42.9	35.2
					25	8.7	51.5	19.0	42.8	36.2	49.1	40.4	33.2
					31.25	9.8	50.0	18.5	40.2	34.3	47.5	37.8	31.3
					62.5	14	45.1	16.0	31.2	28.3	42.7	28.7	25.3
					100	17.8	41.8	14.0	24.0	24.2	39.3	21.5	21.2
					200	25.7	36.9	11.0	11.3	18.2	34.3	8.7	15.2
					250	28.9	35.3	10.0	6.4	16.2	32.7	3.8	13.2
					350	34.6	32.2	8.6	-2.5	13.3	29.4	-5.2	10.3
					500	42.1	27.9	8.0	-14.2	10.2	24.8	-17.2	7.2

EN50173 PL Class F

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
					8	4.9	65.0	21.0	60.1	64.3	62.0	57.1	61.3
12345678S					10	5.5	65.0	21.0	59.5	62.7	62.0	56.5	59.7
12345678S					16	6.9	65.0	20.0	58.1	59.3	62.0	55.1	56.3
					20	7.7	65.0	19.5	57.3	57.7	62.0	54.3	54.7
					25	8.7	65.0	19.0	56.3	56.1	62.0	53.3	53.1
					31.25	9.7	65.0	18.5	55.3	54.5	62.0	52.3	51.5
					62.5	13.9	65.0	16.0	51.1	49.5	62.0	48.1	46.5
					100	17.7	65.0	14.0	47.3	46.0	62.0	44.3	43.0
					200	25.6	61.9	11.0	36.3	40.9	58.9	33.3	37.9
					250	28.8	60.4	10.0	31.6	39.2	57.4	28.6	36.2
					600	46.6	54.7	10.0	8.1	32.6	51.7	5.1	29.6

EN50173 PL2 Class Fa (Two Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	20.6	i	496	25	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678S					8	4.8	65.0	21.0	60.2	65.0	62.0	57.2	62.0
					10	5.4	65.0	21.0	59.6	65.0	62.0	56.6	62.0
12345678S					16	6.8	65.0	20.0	58.2	65.0	62.0	55.2	62.0
12345678S					20	7.6	65.0	19.5	57.4	64.5	62.0	54.4	61.5
					25	8.5	65.0	19.0	56.5	62.5	62.0	53.5	59.5
					31.25	9.5	65.0	18.5	55.5	60.6	62.0	52.5	57.6
					62.5	13.4	65.0	16.0	51.6	54.6	62.0	48.6	51.6
					100	17.1	65.0	14.0	47.9	50.5	62.0	44.9	47.5
					200	24.4	63.5	11.0	39.1	44.5	60.5	36.1	41.5
12345678S					250	27.4	61.7	10.0	34.4	42.5	58.7	31.4	39.5
					600	43.4	54.7	10.0	11.3	34.9	51.7	8.3	31.9

EN50173 PL3 Class Fa (Three Connector Permanent Link)

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678S					8	4.9	65.0	21.0	60.1	65.0	62.0	57.1	62.0
					10	5.4	65.0	21.0	59.6	65.0	62.0	56.6	62.0
12345678S					16	6.8	65.0	20.0	58.2	64.7	62.0	55.2	61.7
12345678S					20	7.7	65.0	19.5	57.3	62.8	62.0	54.3	59.8
					25	8.6	65.0	19.0	56.4	60.8	62.0	53.4	57.8
					31.25	9.6	65.0	18.5	55.4	58.9	62.0	52.4	55.9
					62.5	13.6	65.0	16.0	51.4	52.9	62.0	48.4	49.9
					100	17.3	65.0	14.0	47.7	48.8	62.0	44.7	45.8
					200	24.7	63.5	11.0	39.9	42.8	60.5	36.9	39.8
12345678S					250	27.7	61.7	10.0	35.1	40.8	58.7	32.1	37.8
					600	43.9	54.7	10.0	12.2	33.2	51.7	9.2	30.2

Japanese Standards

JIS X5150:2004 Cl. D Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	60.0	17.0	56.0	57.4	57.0	53.0	54.4
12345678					4	4.5	53.5	17.0	49.0	45.4	50.5	46.0	42.4
					8	6.4	48.6	17.0	42.2	39.3	45.6	39.2	36.3
12345678S					10	7.2	47.0	17.0	39.8	37.4	44.0	36.8	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.5	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.8	27.5	35.7	22.8	24.5
					62.5	18.6	33.6	12.0	15.0	21.5	30.6	12.0	18.5
					100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

JIS X5150:2004 Cl. E Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	65.0	19.0	61.0	63.3	62.0	58.0	60.3
12345678					4	4.2	63.0	19.0	58.9	51.2	60.5	56.4	48.2
					8	5.9	58.2	19.0	52.3	45.2	55.6	49.7	42.2
12345678S					10	6.6	56.6	19.0	50.0	43.3	54.0	47.4	40.3
12345678S					16	8.3	53.2	18.0	44.9	39.2	50.6	42.3	36.2
					20	9.3	51.6	17.5	42.3	37.2	49.0	39.7	34.2
					25	10.5	50.0	17.0	39.6	35.3	47.3	36.9	32.3
					31.25	11.7	48.4	16.5	36.7	33.4	45.7	34.0	30.4
					62.5	16.9	43.4	14.0	26.5	27.3	40.6	23.7	24.3
					100	21.7	39.9	12.0	18.2	23.3	37.1	15.4	20.3
					200	31.7	34.8	9.0	3.1	17.2	31.9	0.1	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

JIS X5150:2004 Cl. F Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	62.4	62.0	56.3	59.4
12345678S					10	6.4	65.0	19.0	58.6	60.8	62.0	55.6	57.8
12345678S					16	8.1	65.0	18.0	56.9	57.5	62.0	53.9	54.5
					20	9.1	65.0	17.5	55.9	55.9	62.0	52.9	52.9
					25	10.2	65.0	17.0	54.8	54.4	62.0	51.8	51.4
					31.25	11.4	65.0	16.5	53.6	52.8	62.0	50.6	49.8
					62.5	16.3	65.0	14.0	48.7	47.8	62.0	45.7	44.8
					100	20.8	62.9	12.0	42.1	44.4	59.9	39.1	41.4
					200	30	58.3	9.0	28.4	39.4	55.3	25.4	36.4
					250	33.8	56.9	8.0	23.1	37.8	53.9	20.1	34.8
					600	54.6	51.2	8.0	-3.4	31.3	48.2	-6.4	28.3

JIS X5150:2004 CI. Fa Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	30	1	4	65.0	19.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4.1	65.0	19.0	60.9	65.0	62.0	57.9	62.0
					8	5.7	65.0	19.0	59.3	65.0	62.0	56.3	62.0
12345678S					10	6.4	65.0	19.0	58.6	65.0	62.0	55.6	62.0
12345678S					16	8	65.0	18.0	57.0	63.3	62.0	54.0	60.3
					20	9	65.0	17.5	56.0	61.4	62.0	53.0	58.4
					25	10	65.0	17.0	55.0	59.4	62.0	52.0	56.4
					31.25	11.2	65.0	16.5	53.8	57.5	62.0	50.8	54.5
					62.5	15.9	65.0	14.0	49.1	51.5	62.0	46.1	48.5
					100	20.3	65.0	12.0	44.7	47.4	62.0	41.7	44.4
					200	28.9	60.9	9.0	32.0	41.4	57.9	29.0	38.4
					250	32.5	59.1	8.0	26.7	39.4	56.1	23.7	36.4
					600	51.4	52.1	8.0	0.7	31.8	49.1	-2.3	28.8

JIS X5150:2004 CI. D PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	60.0	19.0	56.0	58.6	57.0	53.0	55.6
12345678					4	4	54.8	19.0	50.8	46.6	51.8	47.8	43.6
					8	5.4	50.0	19.0	44.6	40.6	47.0	41.6	37.6
12345678S					10	6.1	48.5	19.0	42.4	38.6	45.5	39.4	35.6
12345678S					16	7.7	45.2	19.0	37.5	34.5	42.2	34.5	31.5
					20	8.7	43.7	19.0	35.0	32.6	40.7	32.0	29.6
					25	9.7	42.1	18.0	32.4	30.7	39.1	29.4	27.7
					31.25	10.9	40.5	17.1	29.6	28.7	37.5	26.6	25.7
					62.5	15.8	35.7	14.0	19.8	22.7	32.7	16.8	19.7
					100	20.4	32.3	12.0	11.9	18.6	29.3	8.9	15.6

JIS X5150:2004 CI. E PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	44	1	4	65.0	21.0	61.0	64.2	62.0	58.0	61.2
12345678					4	4	64.1	21.0	60.1	52.1	61.8	57.8	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.0	43.1
12345678S					10	5.6	57.8	21.0	52.2	44.2	55.5	49.9	41.2
12345678S					16	7.1	54.6	20.0	47.5	40.1	52.2	45.1	37.1
					20	7.9	53.1	19.5	45.1	38.2	50.7	42.7	35.2
					25	8.9	51.5	19.0	42.6	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.5	31.3
					62.5	14.4	45.1	16.0	30.7	28.3	42.7	28.2	25.3
					100	18.5	41.8	14.0	23.3	24.2	39.3	20.8	21.2
					200	27.1	36.9	11.0	9.9	18.2	34.3	7.2	15.2
					250	30.7	35.3	10.0	4.7	16.2	32.7	2.0	13.2

JIS X5150:2004 Cl. F PL

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	21	i	498	26	1	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
12345678					4	4	65.0	21.0	61.0	65.0	62.0	58.0	62.0
					8	4.9	65.0	21.0	60.1	64.3	62.0	57.1	61.3
12345678S					10	5.5	65.0	21.0	59.5	62.7	62.0	56.5	59.7
12345678S					16	6.9	65.0	20.0	58.1	59.3	62.0	55.1	56.3
					20	7.7	65.0	19.5	57.3	57.7	62.0	54.3	54.7
					25	8.7	65.0	19.0	56.3	56.1	62.0	53.3	53.1
					31.25	9.7	65.0	18.5	55.3	54.5	62.0	52.3	51.5
					62.5	13.9	65.0	16.0	51.1	49.5	62.0	48.1	46.5
					100	17.7	65.0	14.0	47.3	46.0	62.0	44.3	43.0
					200	25.6	61.9	11.0	36.3	40.9	58.9	33.3	37.9
					250	28.8	60.4	10.0	31.6	39.2	57.4	28.6	36.2
					600	46.6	54.7	10.0	8.1	32.6	51.7	5.1	29.6

Russian Standards

GOST R 53245-2008 Chan Cat5e

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	60.0	17.0	57.0	57.4	57.0	54.0	54.4
12345678					4	4.5	53.5	17.0	49.1	45.4	50.5	46.1	42.4
					8	6.3	48.6	17.0	42.3	39.3	45.6	39.3	36.3
12345678S					10	7.1	47.0	17.0	39.9	37.4	44.0	36.9	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.4	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.9	27.5	35.7	22.9	24.5
					62.5	18.6	33.6	12.1	15.0	21.5	30.6	12.0	18.5
	100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4				

GOST R 53245-2008 Chan Cat6

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100	555	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
12345678					4	4	63.0	19.0	59.0	51.2	60.5	56.5	48.2
					8	5.7	58.2	19.0	52.5	45.2	55.6	49.9	42.2
12345678S					10	6.3	56.6	19.0	50.2	43.3	54.0	47.7	40.3
12345678S					16	8	53.2	18.0	45.2	39.2	50.6	42.6	36.2
					20	9	51.6	17.5	42.6	37.2	49.0	39.9	34.2
					25	10.1	50.0	17.0	39.9	35.3	47.3	37.2	32.3
					31.25	11.4	48.4	16.5	37.0	33.4	45.7	34.3	30.4
					62.5	16.5	43.4	14.0	26.9	27.3	40.6	24.1	24.3
					100	21.3	39.9	12.0	18.6	23.3	37.1	15.8	20.3
					200	31.5	34.8	9.0	3.3	17.2	31.9	0.3	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

GOST R 53245-2008 PL Cat 5e

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	60.0	19.0	57.0	58.6	57.0	54.0	55.6
12345678					4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6
					8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6
12345678S					10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
12345678S					16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5
					20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6
					25	10	42.1	18.0	32.1	30.7	39.1	29.1	27.7
					31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7
					62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7
	100	21	32.3	12.0	11.3	18.6	29.3	8.3	15.6				

GOST R 53245-2008 PL Cat 6

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	65.0	19.1	62.0	64.2	62.0	59.0	61.2
12345678					4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.1	43.1
12345678S					10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2
12345678S					16	7	54.6	20.0	47.6	40.1	52.2	45.2	37.1
					20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2
					25	8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.6	31.3
					62.5	14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3
					100	18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2
					200	27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2
					250	31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2

Taiwan Standards

EL-3600-6 Cat 5e Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	60.0	17.0	57.0	57.4	57.0	54.0	54.4
12345678					4	4.5	53.5	17.0	49.1	45.4	50.5	46.1	42.4
					8	6.3	48.6	17.0	42.3	39.3	45.6	39.3	36.3
12345678S					10	7.1	47.0	17.0	39.9	37.4	44.0	36.9	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.4	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.9	27.5	35.7	22.9	24.5
					62.5	18.6	33.6	12.1	15.0	21.5	30.6	12.0	18.5
					100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

EL-3600-6 Cat 6 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100	555	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
12345678					4	4	63.0	19.0	59.0	51.2	60.5	56.5	48.2
					8	5.7	58.2	19.0	52.5	45.2	55.6	49.9	42.2
12345678S					10	6.3	56.6	19.0	50.2	43.3	54.0	47.7	40.3
12345678S					16	8	53.2	18.0	45.2	39.2	50.6	42.6	36.2
					20	9	51.6	17.5	42.6	37.2	49.0	39.9	34.2
					25	10.1	50.0	17.0	39.9	35.3	47.3	37.2	32.3
					31.25	11.4	48.4	16.5	37.0	33.4	45.7	34.3	30.4
					62.5	16.5	43.4	14.0	26.9	27.3	40.6	24.1	24.3
					100	21.3	39.9	12.0	18.6	23.3	37.1	15.8	20.3
					200	31.5	34.8	9.0	3.3	17.2	31.9	0.3	14.2
					250	35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3

EL-3600-6 Cat 5e Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	60.0	19.0	57.0	58.6	57.0	54.0	55.6
12345678					4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6
					8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6
12345678S					10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
12345678S					16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5
					20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6
					25	10	42.1	18.0	32.1	30.7	39.1	29.1	27.7
					31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7
					62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7
					100	21	32.3	12.0	11.3	18.6	29.3	8.3	15.6

EL-3600-6 Cat 6 Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	65.0	19.1	62.0	64.2	62.0	59.0	61.2
12345678					4	3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1
					8	5	59.4	21.0	54.4	46.1	57.0	52.1	43.1
12345678S					10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2
12345678S					16	7	54.6	20.0	47.6	40.1	52.2	45.2	37.1
					20	7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2
					25	8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2
					31.25	10	50.0	18.5	40.0	34.3	47.5	37.6	31.3
					62.5	14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3
					100	18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2
					200	27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2
					250	31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2

Patch Cord Standards

ISO - ISO/IEC 11801:2010, Ammendment 2
TIA - ANSI/TIA-568-C.2

You must replace the Category 6 jack with a Category 5e jack to certify Category 5e patch cords.

TIA Patch Cord Cat5e 0.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		62.3	22.5					
					10		60.3	22.8					
					16		56.3	23.4					
					20		54.4	23.7					
					25		52.5	24.0					
					31.25		50.6	23.0					
					62.5		44.7	20.0					
					100		40.7	18.0					

TIA Patch Cord Cat5e 1.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		61.6	22.5					
					10		59.7	22.8					
					16		55.7	23.4					
					20		53.8	23.7					
					25		51.9	24.0					
					31.25		50.0	23.0					
					62.5		44.1	20.0					
					100		40.1	18.0					

TIA Patch Cord Cat5e 1.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		61.1	22.5					
					10		59.2	22.8					
					16		55.1	23.4					
					20		53.2	23.7					
					25		51.3	24.0					
					31.25		49.4	23.0					
					62.5		43.6	20.0					
					100		39.7	18.0					

TIA Patch Cord Cat5e 2.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		60.6	22.5					
					10		58.7	22.8					
					16		54.7	23.4					
					20		52.8	23.7					
					25		50.9	24.0					
					31.25		49.0	23.0					
					62.5		43.2	20.0					
					100		39.3	18.0					

TIA Patch Cord Cat5e 2.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		60.2	22.5					
					10		58.3	22.8					
					16		54.3	23.4					
					20		52.4	23.7					
					25		50.5	24.0					
					31.25		48.6	23.0					
					62.5		42.8	20.0					
					100		38.9	18.0					

TIA Patch Cord Cat5e 3.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		59.8	22.5					
					10		57.9	22.8					
					16		53.9	23.4					
					20		52.0	23.7					
					25		50.1	24.0					
					31.25		48.2	23.0					
					62.5		42.5	20.0					
					100		38.6	18.0					

TIA Patch Cord Cat5e 3.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		59.4	22.5					
					10		57.5	22.8					
					16		53.6	23.4					
					20		51.7	23.7					
					25		49.8	24.0					
					31.25		47.9	23.0					
					62.5		42.2	20.0					
					100		38.4	18.0					

TIA Patch Cord Cat5e 4.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		59.1	22.5					
					10		57.2	22.8					
					16		53.3	23.4					
					20		51.4	23.7					
					25		49.5	24.0					
					31.25		47.7	23.0					
					62.5		41.9	20.0					
					100		38.1	18.0					

TIA Patch Cord Cat5e 5.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		64.4	21.6					
					8		58.6	22.5					
					10		56.7	22.8					
					16		52.7	23.4					
					20		50.9	23.7					
					25		49.0	24.0					
					31.25		47.2	23.0					
					62.5		41.5	20.0					
					100		37.8	18.0					

TIA Patch Cord Cat5e 7.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		63.3	21.6					
					8		57.5	22.5					
					10		55.6	22.8					
					16		51.7	23.4					
					20		49.9	23.7					
					25		48.0	24.0					
					31.25		46.2	23.0					
					62.5		40.7	20.0					
					100		37.1	18.0					

TIA Patch Cord Cat5e 10.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		62.4	21.6					
					8		56.7	22.5					
					10		54.8	22.8					
					16		51.0	23.4					
					20		49.1	23.7					
					25		47.4	24.0					
					31.25		45.6	23.0					
					62.5		40.2	20.0					
					100		36.6	18.0					

TIA Patch Cord Cat5e 15.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		61.2	21.6					
					8		55.5	22.5					
					10		53.7	22.8					
					16		49.9	23.4					
					20		48.2	23.7					
					25		46.4	24.0					
					31.25		44.7	23.0					
					62.5		39.5	20.0					
					100		36.1	18.0					

TIA Patch Cord Cat5e 20.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		60.3	21.6					
					8		54.7	22.5					
					10		53.0	22.8					
					16		49.3	23.4					
					20		47.6	23.7					
					25		45.9	24.0					
					31.25		44.2	23.0					
					62.5		39.2	20.0					
					100		35.9	18.0					

ISO Patch Cord Cat5e 0.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		62.1	22.5					
					10		60.2	22.8					
					16		56.2	23.4					
					20		54.2	23.7					
					25		52.3	24.0					
					31.25		50.4	23.1					
					62.5		44.5	20.0					
					100		40.6	18.0					

ISO Patch Cord Cat5e 1.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		61.3	22.5					
					10		59.4	22.8					
					16		55.4	23.4					
					20		53.5	23.7					
					25		51.6	24.0					
					31.25		49.7	23.1					
					62.5		43.9	20.0					
					100		39.9	18.0					

ISO Patch Cord Cat5e 1.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		60.7	22.5					
					10		58.8	22.8					
					16		54.8	23.4					
					20		52.9	23.7					
					25		51.0	24.0					
					31.25		49.1	23.1					
					62.5		43.3	20.0					
					100		39.4	18.0					

ISO Patch Cord Cat5e 2.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		60.2	22.5					
					10		58.3	22.8					
					16		54.3	23.4					
					20		52.4	23.7					
					25		50.5	24.0					
					31.25		48.6	23.1					
					62.5		42.9	20.0					
					100		39.0	18.0					

ISO Patch Cord Cat5e 2.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		59.7	22.5					
					10		57.8	22.8					
					16		53.8	23.4					
					20		52.0	23.7					
					25		50.1	24.0					
					31.25		48.2	23.1					
					62.5		42.5	20.0					
					100		38.6	18.0					

ISO Patch Cord Cat5e 3.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		59.3	22.5					
					10		57.4	22.8					
					16		53.4	23.4					
					20		51.6	23.7					
					25		49.7	24.0					
					31.25		47.8	23.1					
					62.5		42.1	20.0					
					100		38.3	18.0					

ISO Patch Cord Cat5e 3.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		64.6	21.6					
					8		58.9	22.5					
					10		57.0	22.8					
					16		53.1	23.4					
					20		51.2	23.7					
					25		49.4	24.0					
					31.25		47.5	23.1					
					62.5		41.8	20.0					
					100		38.0	18.0					

ISO Patch Cord Cat5e 4.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		64.3	21.6					
					8		58.5	22.5					
					10		56.7	22.8					
					16		52.8	23.4					
					20		50.9	23.7					
					25		49.1	24.0					
					31.25		47.2	23.1					
					62.5		41.6	20.0					
					100		37.8	18.0					

ISO Patch Cord Cat5e 5.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		63.7	21.6					
					8		58.0	22.5					
					10		56.1	22.8					
					16		52.2	23.4					
					20		50.4	23.7					
					25		48.5	24.0					
					31.25		46.7	23.1					
					62.5		41.1	20.0					
					100		37.4	18.0					

ISO Patch Cord Cat5e 7.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		62.4	21.6					
					8		56.8	22.5					
					10		55.0	22.8					
					16		51.2	23.4					
					20		49.4	23.7					
					25		47.6	24.0					
					31.25		45.8	23.1					
					62.5		40.3	20.0					
					100		36.8	18.0					

ISO Patch Cord Cat5e 10.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		61.6	21.6					
					8		56.0	22.5					
					10		54.2	22.8					
					16		50.4	23.4					
					20		48.7	23.7					
					25		46.9	24.0					
					31.25		45.1	23.1					
					62.5		39.8	20.0					
					100		36.4	18.0					

ISO Patch Cord Cat5e 15.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		60.3	21.6					
					8		54.9	22.5					
					10		53.1	22.8					
					16		49.5	23.4					
					20		47.7	23.7					
					25		46.0	24.0					
					31.25		44.3	23.1					
					62.5		39.3	20.0					
					100		36.0	18.0					

ISO Patch Cord Cat5e 20.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		59.5	21.6					
					8		54.1	22.5					
					10		52.4	22.8					
					16		48.8	23.4					
					20		47.2	23.7					
					25		45.5	24.0					
					31.25		43.9	23.1					
					62.5		39.0	20.0					
					100		35.8	18.0					

TIA Patch Cord Cat6 0.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		63.0	23.4					
					20		61.1	23.7					
					25		59.2	24.0					
					31.25		57.3	23.0					
					62.5		51.3	20.0					
					100		47.3	18.0					
					200		41.4	15.0					
					250		39.5	14.0					

TIA Patch Cord Cat6 1.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		65.0	22.8						
					16		62.6	23.4						
					20		60.7	23.7						
					25		58.8	24.0						
					31.25		56.9	23.0						
					62.5		51.0	20.0						
					100		47.0	18.0						
					200		41.1	15.0						
					250		39.2	14.0						

TIA Patch Cord Cat6 1.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		65.0	22.8						
					16		62.3	23.4						
					20		60.4	23.7						
					25		58.5	24.0						
					31.25		56.5	23.0						
					62.5		50.6	20.0						
					100		46.7	18.0						
					200		40.9	15.0						
					250		39.0	14.0						

TIA Patch Cord Cat6 2.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		65.0	22.8						
					16		62.0	23.4						
					20		60.0	23.7						
					25		58.1	24.0						
					31.25		56.2	23.0						
					62.5		50.4	20.0						
					100		46.4	18.0						
					200		40.6	15.0						
					250		38.8	14.0						

TIA Patch Cord Cat6 2.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		65.0	22.8						
					16		61.7	23.4						
					20		59.8	23.7						
					25		57.9	24.0						
					31.25		56.0	23.0						
					62.5		50.1	20.0						
					100		46.2	18.0						
					200		40.5	15.0						
					250		38.6	14.0						

TIA Patch Cord Cat6 3.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		65.0	22.8						
					16		61.4	23.4						
					20		59.5	23.7						
					25		57.6	24.0						
					31.25		55.7	23.0						
					62.5		49.9	20.0						
					100		46.0	18.0						
					200		40.3	15.0						
					250		38.5	14.0						

TIA Patch Cord Cat6 4.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		64.9	22.8						
					16		60.9	23.4						
					20		59.0	23.7						
					25		57.1	24.0						
					31.25		55.3	23.0						
					62.5		49.5	20.0						
					100		45.6	18.0						
					200		40.0	15.0						
					250		38.3	14.0						

TIA Patch Cord Cat6 5.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		64.5	22.8						
					16		60.5	23.4						
					20		58.6	23.7						
					25		56.8	24.0						
					31.25		54.9	23.0						
					62.5		49.2	20.0						
					100		45.3	18.0						
					200		39.8	15.0						
					250		38.1	14.0						

TIA Patch Cord Cat6 7.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		65.0	22.5						
					10		63.6	22.8						
					16		59.7	23.4						
					20		57.8	23.7						
					25		56.0	24.0						
					31.25		54.1	23.0						
					62.5		48.5	20.0						
					100		44.8	18.0						
					200		39.5	15.0						
					250		37.8	14.0						

TIA Patch Cord Cat6 10.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
12345678 12345678		i	i	i	1		65.0	19.8						
					4		65.0	21.6						
					8		64.8	22.5						
					10		62.9	22.8						
					16		59.0	23.4						
					20		57.2	23.7						
					25		55.4	24.0						
					31.25		53.6	23.0						
					62.5		48.1	20.0						
					100		44.4	18.0						
					200		39.3	15.0						
					250		37.6	14.0						

TIA Patch Cord Cat6 15.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		63.8	22.5					
					10		61.9	22.8					
					16		58.1	23.4					
					20		56.4	23.7					
					25		54.6	24.0					
					31.25		52.8	23.0					
					62.5		47.5	20.0					
					100		44.0	18.0					
					200		39.1	15.0					
					250		37.5	14.0					

TIA Patch Cord Cat6 20.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0	19.8					
					4		65.0	21.6					
					8		63.1	22.5					
					10		61.3	22.8					
					16		57.5	23.4					
					20		55.8	23.7					
					25		54.1	24.0					
					31.25		52.3	23.0					
					62.5		47.2	20.0					
					100		43.8	18.0					
					200		39.0	15.0					
					250		37.6	14.0					

ISO Patch Cord Cat6 0.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		62.9	23.4					
					20		61.0	23.7					
					25		59.1	24.0					
					31.25		57.2	23.1					
					62.5		51.2	20.0					
					100		47.2	18.0					
					200		41.3	15.0					
					250		39.4	14.0					

ISO Patch Cord Cat6 1.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		62.4	23.4					
					20		60.5	23.7					
					25		58.6	24.0					
					31.25		56.7	23.1					
					62.5		50.8	20.0					
					100		46.8	18.0					
					200		41.0	15.0					
					250		39.1	14.0					

ISO Patch Cord Cat6 1.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		62.0	23.4					
					20		60.1	23.7					
					25		58.2	24.0					
					31.25		56.3	23.1					
					62.5		50.4	20.0					
					100		46.5	18.0					
					200		40.7	15.0					
					250		38.9	14.0					

ISO Patch Cord Cat6 2.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		61.6	23.4					
					20		59.7	23.7					
					25		57.8	24.0					
					31.25		56.0	23.1					
					62.5		50.1	20.0					
					100		46.2	18.0					
					200		40.5	15.0					
					250		38.6	14.0					

ISO Patch Cord Cat6 2.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		61.3	23.4					
					20		59.4	23.7					
					25		57.5	24.0					
					31.25		55.6	23.1					
					62.5		49.8	20.0					
					100		45.9	18.0					
					200		40.3	15.0					
					250		38.5	14.0					

ISO Patch Cord Cat6 3.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		65.0	22.8					
					16		61.0	23.4					
					20		59.1	23.7					
					25		57.2	24.0					
					31.25		55.4	23.1					
					62.5		49.6	20.0					
					100		45.7	18.0					
					200		40.1	15.0					
					250		38.3	14.0					

ISO Patch Cord Cat6 3.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		64.7	22.8					
					16		60.7	23.4					
					20		58.9	23.7					
					25		57.0	24.0					
					31.25		55.1	23.1					
					62.5		49.3	20.0					
					100		45.5	18.0					
					200		39.9	15.0					
					250		38.2	14.0					

ISO Patch Cord Cat6 4.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		64.4	22.8					
					16		60.5	23.4					
					20		58.6	23.7					
					25		56.7	24.0					
					31.25		54.9	23.1					
					62.5		49.1	20.0					
					100		45.3	18.0					
					200		39.8	15.0					
					250		38.1	14.0					

ISO Patch Cord Cat6 5.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		65.0	22.5					
					10		63.9	22.8					
					16		60.0	23.4					
					20		58.2	23.7					
					25		56.3	24.0					
					31.25		54.5	23.1					
					62.5		48.8	20.0					
					100		45.0	18.0					
					200		39.6	15.0					
					250		37.9	14.0					

ISO Patch Cord Cat6 7.5m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		64.8	22.5					
					10		63.0	22.8					
					16		59.2	23.4					
					20		57.3	23.7					
					25		55.5	24.0					
					31.25		53.7	23.1					
					62.5		48.2	20.0					
					100		44.5	18.0					
					200		39.3	15.0					
					250		37.7	14.0					

ISO Patch Cord Cat6 10.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		64.1	22.5					
					10		62.3	22.8					
					16		58.5	23.4					
					20		56.7	23.7					
					25		54.9	24.0					
					31.25		53.1	23.1					
					62.5		47.7	20.0					
					100		44.2	18.0					
					200		39.1	15.0					
					250		37.6	14.0					

ISO Patch Cord Cat6 15.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678		i	i	i	1		65.0						
					4		65.0	21.6					
					8		63.1	22.5					
					10		61.3	22.8					
					16		57.6	23.4					
					20		55.9	23.7					
					25		54.2	24.0					
					31.25		52.4	23.1					
					62.5		47.2	20.0					
					100		43.8	18.0					
					200		39.0	15.0					
					250		37.5	14.0					

ISO Patch Cord Cat6 20.0m

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		62.4	22.5					
					10		60.7	22.8					
					16		57.1	23.4					
					20		55.4	23.7					
					25		53.7	24.0					
					31.25		52.0	23.1					
					62.5		47.0	20.0					
					100		43.7	18.0					
					200		39.1	15.0					
					250		37.6	14.0					

TIA C6A 2m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.0	23.4					
					20		60.1	23.7					
					25		58.2	24.0					
					31.25		56.3	23.0					
					62.5		50.4	20.0					
					100		46.4	18.0					
					200		40.7	15.0					
					250		38.9	14.0					
					350		33.9	11.8					
					500		28.4	9.5					

TIA C6A 2.5m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.7	23.4					
					20		59.8	23.7					
					25		57.9	24.0					
					31.25		56.0	23.0					
					62.5		50.1	20.0					
					100		46.2	18.0					
					200		40.5	15.0					
					250		38.7	14.0					
					350		33.9	11.8					
					500		28.5	9.5					

TIA C6A 3m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.4	23.4					
					20		59.5	23.7					
					25		57.6	24.0					
					31.25		55.7	23.0					
					62.5		49.9	20.0					
					100		46.0	18.0					
					200		40.3	15.0					
					250		38.5	14.0					
					350		33.9	11.8					
					500		28.6	9.5					

TIA C6A 3.5m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.2	23.4					
					20		59.3	23.7					
					25		57.4	24.0					
					31.25		55.5	23.0					
					62.5		49.7	20.0					
					100		45.8	18.0					
					200		40.2	15.0					
					250		38.4	14.0					
					350		33.9	11.8					
					500		28.7	9.5					

TIA C6A 4m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.9	22.8					
12345678S					16		60.9	23.4					
					20		59.0	23.7					
					25		57.2	24.0					
					31.25		55.3	23.0					
					62.5		49.5	20.0					
					100		45.7	18.0					
					200		40.1	15.0					
					250		38.3	14.0					
					350		33.9	11.8					
					500		28.8	9.5					

TIA C6A 5m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.5	22.8					
12345678S					16		60.5	23.4					
					20		58.6	23.7					
					25		56.8	24.0					
					31.25		54.9	23.0					
					62.5		49.2	20.0					
					100		45.4	18.0					
					200		39.9	15.0					
					250		38.1	14.0					
					350		33.9	11.8					
					500		29.0	9.5					

TIA C6A 7.5m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		63.6	22.8					
12345678S					16		59.7	23.4					
					20		57.8	23.7					
					25		56.0	24.0					
					31.25		54.2	23.0					
					62.5		48.6	20.0					
					100		44.8	18.0					
					200		39.5	15.0					
					250		37.8	14.0					
					350		34.0	11.8					
					500		29.4	9.5					

TIA C6A 10m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		64.8	22.5					
12345678S					10		62.9	22.8					
12345678S					16		59.1	23.4					
					20		57.2	23.7					
					25		55.4	24.0					
					31.25		53.6	23.0					
					62.5		48.1	20.0					
					100		44.5	18.0					
					200		39.3	15.0					
					250		37.7	14.0					
					350		34.1	11.8					
					500		29.8	9.5					

TIA C6A 15m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		63.8	22.5					
12345678S					10		62.0	22.8					
12345678S					16		58.2	23.4					
					20		56.4	23.7					
					25		54.6	24.0					
					31.25		52.9	23.0					
					62.5		47.5	20.0					
					100		44.0	18.0					
					200		39.1	15.0					
					250		37.6	14.0					
					350		34.3	11.8					
					500		30.2	9.5					

TIA C6A 20m Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0	19.8					
12345678					4		65.0	21.6					
					8		63.1	22.5					
12345678S					10		61.3	22.8					
12345678S					16		57.5	23.4					
					20		55.8	23.7					
					25		54.1	24.0					
					31.25		52.4	23.0					
					62.5		47.2	20.0					
					100		43.8	18.0					
					200		39.0	15.0					
					250		37.5	14.0					
					350		34.4	11.8					
					500		30.5	9.5					

TIA C6A 0.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		63.0	23.4					
					20		61.1	23.7					
					25		59.2	24.0					
					31.25		57.3	23.0					
					62.5		51.3	20.0					
					100		47.3	18.0					
					200		41.4	15.0					
					250		39.5	14.0					
					350		34.0	11.8					
					500		28.0	9.5					

TIA C6A 1m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.6	23.4					
					20		60.7	23.7					
					25		58.8	24.0					
					31.25		56.9	23.0					
					62.5		51.0	20.0					
					100		47.0	18.0					
					200		41.1	15.0					
					250		39.3	14.0					
					350		34.0	11.8					
					500		28.2	9.5					

TIA C6A 1.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.3	23.4					
					20		60.4	23.7					
					25		58.5	24.0					
					31.25		56.6	23.0					
					62.5		50.7	20.0					
					100		46.7	18.0					
					200		40.9	15.0					
					250		39.0	14.0					
					350		33.9	11.8					
					500		28.3	9.5					

TIA C6A 2m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.0	23.4					
					20		60.1	23.7					
					25		58.2	24.0					
					31.25		56.3	23.0					
					62.5		50.4	20.0					
					100		46.4	18.0					
					200		40.7	15.0					
					250		38.9	14.0					
					350		33.9	11.8					
					500		28.4	9.5					

TIA C6A 2.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.7	23.4					
					20		59.8	23.7					
					25		57.9	24.0					
					31.25		56.0	23.0					
					62.5		50.1	20.0					
					100		46.2	18.0					
					200		40.5	15.0					
					250		38.7	14.0					
					350		33.9	11.8					
					500		28.5	9.5					

TIA C6A 3m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.4	23.4					
					20		59.5	23.7					
					25		57.6	24.0					
					31.25		55.7	23.0					
					62.5		49.9	20.0					
					100		46.0	18.0					
					200		40.3	15.0					
					250		38.5	14.0					
					350		33.9	11.8					
					500		28.6	9.5					

TIA C6A 3.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.2	23.4					
					20		59.3	23.7					
					25		57.4	24.0					
					31.25		55.5	23.0					
					62.5		49.7	20.0					
					100		45.8	18.0					
					200		40.2	15.0					
					250		38.4	14.0					
					350		33.9	11.8					
					500		28.7	9.5					

TIA C6A 4m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.9	22.8					
12345678S					16		60.9	23.4					
					20		59.0	23.7					
					25		57.2	24.0					
					31.25		55.3	23.0					
					62.5		49.5	20.0					
					100		45.7	18.0					
					200		40.1	15.0					
					250		38.3	14.0					
					350		33.9	11.8					
					500		28.8	9.5					

TIA C6A 5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.5	22.8					
12345678S					16		60.5	23.4					
					20		58.6	23.7					
					25		56.8	24.0					
					31.25		54.9	23.0					
					62.5		49.2	20.0					
					100		45.4	18.0					
					200		39.9	15.0					
					250		38.1	14.0					
					350		33.9	11.8					
					500		29.0	9.5					

TIA C6A 7.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		63.6	22.8					
12345678S					16		59.7	23.4					
					20		57.8	23.7					
					25		56.0	24.0					
					31.25		54.2	23.0					
					62.5		48.6	20.0					
					100		44.8	18.0					
					200		39.5	15.0					
					250		37.8	14.0					
					350		34.0	11.8					
					500		29.4	9.5					

TIA C6A 10m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		64.8	22.5					
12345678S					10		62.9	22.8					
12345678S					16		59.1	23.4					
					20		57.2	23.7					
					25		55.4	24.0					
					31.25		53.6	23.0					
					62.5		48.1	20.0					
					100		44.5	18.0					
					200		39.3	15.0					
					250		37.7	14.0					
					350		34.1	11.8					
					500		29.8	9.5					

TIA C6A 15m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		63.8	22.5					
12345678S					10		62.0	22.8					
12345678S					16		58.2	23.4					
					20		56.4	23.7					
					25		54.6	24.0					
					31.25		52.9	23.0					
					62.5		47.5	20.0					
					100		44.0	18.0					
					200		39.1	15.0					
					250		37.6	14.0					
					350		34.3	11.8					
					500		30.2	9.5					

TIA C6A 20m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0	19.8					
12345678					4		65.0	21.6					
					8		63.1	22.5					
12345678S					10		61.3	22.8					
12345678S					16		57.5	23.4					
					20		55.8	23.7					
					25		54.1	24.0					
					31.25		52.4	23.0					
					62.5		47.2	20.0					
					100		43.8	18.0					
					200		39.0	15.0					
					250		37.5	14.0					
					350		34.4	11.8					
					500		30.5	9.5					

ISO C6A 0.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.9	23.4					
					20		61.0	23.7					
					25		59.1	24.0					
					31.25		57.2	23.0					
					62.5		51.2	20.0					
					100		47.2	18.0					
					200		41.3	15.0					
					250		39.5	14.0					
					350		35.3	11.8					
					500		30.9	9.5					

ISO C6A 1.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.0	23.4					
					20		60.1	23.7					
					25		58.2	24.0					
					31.25		56.3	23.0					
					62.5		50.5	20.0					
					100		46.5	18.0					
					200		40.7	15.0					
					250		38.9	14.0					
					350		35.1	11.8					
					500		31.0	9.5					

ISO C6A 2.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.7	23.4					
					20		59.8	23.7					
					25		57.9	24.0					
					31.25		56.0	23.0					
					62.5		50.1	20.0					
					100		46.2	18.0					
					200		40.5	15.0					
					250		38.7	14.0					
					350		35.0	11.8					
					500		31.0	9.5					

ISO C6A 2.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.3	23.4					
					20		59.4	23.7					
					25		57.6	24.0					
					31.25		55.7	23.0					
					62.5		49.9	20.0					
					100		46.0	18.0					
					200		40.3	15.0					
					250		38.5	14.0					
					350		34.9	11.8					
					500		31.1	9.5					

ISO C6A 3.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.0	23.4					
					20		59.2	23.7					
					25		57.3	24.0					
					31.25		55.4	23.0					
					62.5		49.6	20.0					
					100		45.7	18.0					
					200		40.1	15.0					
					250		38.4	14.0					
					350		34.9	11.8					
					500		31.1	9.5					

ISO C6A 3.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.7	22.8					
12345678S					16		60.8	23.4					
					20		58.9	23.7					
					25		57.0	24.0					
					31.25		55.1	23.0					
					62.5		49.4	20.0					
					100		45.5	18.0					
					200		40.0	15.0					
					250		38.2	14.0					
					350		34.8	11.8					
					500		31.1	9.5					

ISO C6A 4.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.4	22.8					
12345678S					16		60.5	23.4					
					20		58.6	23.7					
					25		56.8	24.0					
					31.25		54.9	23.0					
					62.5		49.2	20.0					
					100		45.4	18.0					
					200		39.9	15.0					
					250		38.1	14.0					
					350		34.8	11.8					
					500		31.2	9.5					

ISO C6A 5.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.0	22.8					
12345678S					16		60.1	23.4					
					20		58.2	23.7					
					25		56.4	24.0					
					31.25		54.5	23.0					
					62.5		48.8	20.0					
					100		45.1	18.0					
					200		39.7	15.0					
					250		38.0	14.0					
					350		34.8	11.8					
					500		31.3	9.5					

ISO C6A 7.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		64.9	22.5							
12345678S					10		63.0	22.8							
12345678S					16		59.2	23.4							
					20		57.4	23.7							
					25		55.5	24.0							
					31.25		53.7	23.0							
					62.5		48.2	20.0							
					100		44.5	18.0							
					200		39.3	15.0							
					250		37.7	14.0							
					350		34.7	11.8							
					500		31.5	9.5							

TIA C6A 20m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0	19.8							
12345678					4		65.0	21.6							
					8		63.1	22.5							
12345678S					10		61.3	22.8							
12345678S					16		57.5	23.4							
					20		55.8	23.7							
					25		54.1	24.0							
					31.25		52.4	23.0							
					62.5		47.2	20.0							
					100		43.8	18.0							
					200		39.0	15.0							
					250		37.5	14.0							
					350		34.4	11.8							
					500		30.5	9.5							

ISO C6A 15.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		63.1	22.5							
12345678S					10		61.4	22.8							
12345678S					16		57.7	23.4							
					20		55.9	23.7							
					25		54.2	24.0							
					31.25		52.5	23.0							
					62.5		47.3	20.0							
					100		43.9	18.0							
					200		39.1	15.0							
					250		37.5	14.0							
					350		34.9	11.8							
					500		31.9	9.5							

ISO C6A 20.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		62.4	22.5					
12345678S					10		60.7	22.8					
12345678S					16		57.1	23.4					
					20		55.4	23.7					
					25		53.7	24.0					
					31.25		52.0	23.0					
					62.5		47.0	20.0					
					100		43.7	18.0					
					200		39.1	15.0					
					250		37.6	14.0					
					350		35.0	11.8					
					500		32.1	9.5					

ISO C6A 0.5m SE Patch (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.9	23.4					
					20		61.0	23.7					
					25		59.1	24.0					
					31.25		57.2	23.0					
					62.5		51.2	20.0					
					100		47.2	18.0					
					200		41.3	15.0					
					250		39.5	14.0					
					350		35.3	11.8					
					500		30.9	9.5					

ISO C6A 1.0m SE Patch (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.5	23.4					
					20		60.5	23.7					
					25		58.6	24.0					
					31.25		56.7	23.0					
					62.5		50.8	20.0					
					100		46.8	18.0					
					200		41.0	15.0					
					250		39.2	14.0					
					350		35.2	11.8					
					500		31.0	9.5					

ISO C6A 1.5m SE Patch (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		62.0	23.4					
					20		60.1	23.7					
					25		58.2	24.0					
					31.25		56.3	23.0					
					62.5		50.5	20.0					
					100		46.5	18.0					
					200		40.7	15.0					
					250		38.9	14.0					
					350		35.1	11.8					
					500		31.0	9.5					

ISO C6A 2.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.7	23.4					
					20		59.8	23.7					
					25		57.9	24.0					
					31.25		56.0	23.0					
					62.5		50.1	20.0					
					100		46.2	18.0					
					200		40.5	15.0					
					250		38.7	14.0					
					350		35.0	11.8					
					500		31.0	9.5					

ISO C6A 2.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.3	23.4					
					20		59.4	23.7					
					25		57.6	24.0					
					31.25		55.7	23.0					
					62.5		49.9	20.0					
					100		46.0	18.0					
					200		40.3	15.0					
					250		38.5	14.0					
					350		34.9	11.8					
					500		31.1	9.5					

ISO C6A 3.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		61.0	23.4					
					20		59.2	23.7					
					25		57.3	24.0					
					31.25		55.4	23.0					
					62.5		49.6	20.0					
					100		45.7	18.0					
					200		40.1	15.0					
					250		38.4	14.0					
					350		34.9	11.8					
					500		31.1	9.5					

ISO C6A 3.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.7	22.8					
12345678S					16		60.8	23.4					
					20		58.9	23.7					
					25		57.0	24.0					
					31.25		55.1	23.0					
					62.5		49.4	20.0					
					100		45.5	18.0					
					200		40.0	15.0					
					250		38.2	14.0					
					350		34.8	11.8					
					500		31.1	9.5					

ISO C6A 4.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.4	22.8					
12345678S					16		60.5	23.4					
					20		58.6	23.7					
					25		56.8	24.0					
					31.25		54.9	23.0					
					62.5		49.2	20.0					
					100		45.4	18.0					
					200		39.9	15.0					
					250		38.1	14.0					
					350		34.8	11.8					
					500		31.2	9.5					

ISO C6A 5.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		64.0	22.8					
12345678S					16		60.1	23.4					
					20		58.2	23.7					
					25		56.4	24.0					
					31.25		54.5	23.0					
					62.5		48.8	20.0					
					100		45.1	18.0					
					200		39.7	15.0					
					250		38.0	14.0					
					350		34.8	11.8					
					500		31.3	9.5					

ISO C6A 7.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		64.9	22.5					
12345678S					10		63.0	22.8					
12345678S					16		59.2	23.4					
					20		57.4	23.7					
					25		55.5	24.0					
					31.25		53.7	23.0					
					62.5		48.2	20.0					
					100		44.5	18.0					
					200		39.3	15.0					
					250		37.7	14.0					
					350		34.7	11.8					
					500		31.5	9.5					

ISO C6A 10.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		64.2	22.5					
12345678S					10		62.3	22.8					
12345678S					16		58.5	23.4					
					20		56.7	23.7					
					25		55.0	24.0					
					31.25		53.2	23.0					
					62.5		47.8	20.0					
					100		44.2	18.0					
					200		39.2	15.0					
					250		37.6	14.0					
					350		34.8	11.8					
					500		31.7	9.5					

ISO C6A 15.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		63.1	22.5					
12345678S					10		61.4	22.8					
12345678S					16		57.7	23.4					
					20		55.9	23.7					
					25		54.2	24.0					
					31.25		52.5	23.0					
					62.5		47.3	20.0					
					100		43.9	18.0					
					200		39.1	15.0					
					250		37.5	14.0					
					350		34.9	11.8					
					500		31.9	9.5					

ISO C6A 20.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		62.4	22.5					
12345678S					10		60.7	22.8					
12345678S					16		57.1	23.4					
					20		55.4	23.7					
					25		53.7	24.0					
					31.25		52.0	23.0					
					62.5		47.0	20.0					
					100		43.7	18.0					
					200		39.1	15.0					
					250		37.6	14.0					
					350		35.0	11.8					
					500		32.1	9.5					

ISO C7 0.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		61.7	15.0					
					250		60.3	14.0					
					500		56.0	11.0					
					600		54.9	10.2					

ISO C7 1.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		61.8	15.0					
					250		60.4	14.0					
					500		56.2	11.0					
					600		55.0	10.2					

ISO C7 1.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		61.9	15.0					
					250		60.6	14.0					
					500		56.3	11.0					
					600		55.2	10.2					

ISO C7 2.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.0	15.0					
					250		60.7	14.0					
					500		56.5	11.0					
					600		55.4	10.2					

ISO C7 2.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.1	15.0					
					250		60.8	14.0					
					500		56.6	11.0					
					600		55.5	10.2					

ISO C7 3.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.2	15.0					
					250		60.9	14.0					
					500		56.7	11.0					
					600		55.7	10.2					

ISO C7 3.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.3	15.0					
					250		61.0	14.0					
					500		56.9	11.0					
					600		55.8	10.2					

ISO C7 4.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.4	15.0					
					250		61.1	14.0					
					500		57.0	11.0					
					600		55.9	10.2					

ISO C7 5.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.6	15.0					
					250		61.2	14.0					
					500		57.2	11.0					
					600		56.2	10.2					

ISO C7 7.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.9	15.0					
					250		61.6	14.0					
					500		57.7	11.0					
					600		56.6	10.2					

ISO C7 10.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		63.2	15.0					
					250		61.9	14.0					
					500		58.0	11.0					
					600		57.0	10.2					

ISO C7 15.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		63.7	15.0					
					250		62.4	14.0					
					500		58.4	11.0					
					600		57.4	10.2					

ISO C7 20.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.0	15.0					
					250		62.7	14.0					
					500		58.6	11.0					
					600		57.5	10.2					

ISO C7 0.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		61.7	15.0					
					250		60.3	14.0					
					500		56.0	11.0					
					600		54.9	10.2					

ISO C7 1.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		61.8	15.0					
					250		60.4	14.0					
					350		58.4	12.5					
					600		55.0	10.2					

ISO C7 1.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		61.9	15.0					
					250		60.6	14.0					
					500		56.3	11.0					
					600		55.2	10.2					

ISO C7 2.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.0	15.0					
					250		60.7	14.0					
					500		56.5	11.0					
					600		55.4	10.2					

ISO C7 2.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.1	15.0					
					250		60.8	14.0					
					500		56.6	11.0					
					600		55.5	10.2					

ISO C7 3.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.2	15.0					
					250		60.9	14.0					
					500		56.7	11.0					
					600		55.7	10.2					

ISO C7 3.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.3	15.0					
					250		61.0	14.0					
					500		56.9	11.0					
					600		55.8	10.2					

ISO C7 4.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.4	15.0					
					250		61.1	14.0					
					500		57.0	11.0					
					600		55.9	10.2					

ISO C7 5.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.6	15.0					
					250		61.2	14.0					
					500		57.2	11.0					
					600		56.2	10.2					

ISO C7 7.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		62.9	15.0					
					250		61.6	14.0					
					500		57.7	11.0					
					600		56.6	10.2					

ISO C7 10.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		63.2	15.0					
					250		61.9	14.0					
					500		58.0	11.0					
					600		57.0	10.2					

ISO C7 15.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		63.7	15.0					
					250		62.4	14.0					
					500		58.4	11.0					
					600		57.4	10.2					

ISO C7 20.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.0	15.0					
					250		62.7	14.0					
					500		58.6	11.0					
					600		57.5	10.2					

ISO C7A 0.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		65.0	22.5							
12345678S					10		65.0	22.8							
12345678S					16		65.0	23.4							
					20		65.0	23.7							
					25		65.0	24.0							
					31.25		65.0	23.0							
					62.5		65.0	20.0							
					100		65.0	18.0							
					200		64.1	15.0							
					250		62.3	14.0							
					500		56.5	11.0							
					600		54.9	10.2							

ISO C7A 1.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		65.0	22.5							
12345678S					10		65.0	22.8							
12345678S					16		65.0	23.4							
					20		65.0	23.7							
					25		65.0	24.0							
					31.25		65.0	23.0							
					62.5		65.0	20.0							
					100		65.0	18.0							
					200		64.3	15.0							
					250		62.4	14.0							
					500		56.7	11.0							
					600		55.2	10.2							

ISO C7A 1.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		65.0	22.5							
12345678S					10		65.0	22.8							
12345678S					16		65.0	23.4							
					20		65.0	23.7							
					25		65.0	24.0							
					31.25		65.0	23.0							
					62.5		65.0	20.0							
					100		65.0	18.0							
					200		64.4	15.0							
					250		62.5	14.0							
					500		56.9	11.0							
					600		55.4	10.2							

ISO C7A 2.0m Patch Cord (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.5	15.0					
					250		62.6	14.0					
					500		57.1	11.0					
					600		55.6	10.2					

ISO C7A 2.5m Patch Cord (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.6	15.0					
					250		62.8	14.0					
					500		57.2	11.0					
					600		55.8	10.2					

ISO C7A 3.0m Patch Cord (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.7	15.0					
					250		62.9	14.0					
					500		57.4	11.0					
					600		56.0	10.2					

ISO C7A 3.5m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.7	15.0					
					250		63.0	14.0					
					500		57.6	11.0					
					600		56.2	10.2					

ISO C7A 4.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.8	15.0					
					250		63.1	14.0					
					500		57.7	11.0					
					600		56.4	10.2					

ISO C7A 5.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		63.3	14.0					
					500		58.0	11.0					
					600		56.7	10.2					

ISO C7A 7.5m Patch Cord (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		65.0	22.5							
12345678S					10		65.0	22.8							
12345678S					16		65.0	23.4							
					20		65.0	23.7							
					25		65.0	24.0							
					31.25		65.0	23.0							
					62.5		65.0	20.0							
					100		65.0	18.0							
					200		65.0	15.0							
					250		63.7	14.0							
					500		58.6	11.0							
					600		57.3	10.2							

ISO C7A 10.0m Patch Cord (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		65.0	22.5							
12345678S					10		65.0	22.8							
12345678S					16		65.0	23.4							
					20		65.0	23.7							
					25		65.0	24.0							
					31.25		65.0	23.0							
					62.5		65.0	20.0							
					100		65.0	18.0							
					200		65.0	15.0							
					250		64.1	14.0							
					500		59.1	11.0							
					600		57.8	10.2							

ISO C7A 15.0m Patch Cord (LA)
For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
12345678		i	i	i	1		65.0								
12345678					4		65.0	21.6							
					8		65.0	22.5							
12345678S					10		65.0	22.8							
12345678S					16		65.0	23.4							
					20		65.0	23.7							
					25		65.0	24.0							
					31.25		65.0	23.0							
					62.5		65.0	20.0							
					100		65.0	18.0							
					200		65.0	15.0							
					250		64.7	14.0							
					500		59.6	11.0							
					600		58.3	10.2							

ISO C7A 20.0m Patch Cord (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678		i	i	i	1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		65.0	14.0					
					500		59.9	11.0					
					600		58.6	10.2					

ISO C7A 0.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.1	15.0					
					250		62.3	14.0					
					500		56.5	11.0					
					600		54.9	10.2					
					700		52.3	10.0					
					800		50.1	10.0					

ISO C7A 1.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.3	15.0					
					250		62.4	14.0					
					500		56.7	11.0					
					600		55.2	10.2					
					700		52.6	10.0					
					800		50.4	10.0					

ISO C7A 1.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.4	15.0					
					250		62.5	14.0					
					500		56.9	11.0					
					600		55.4	10.2					
					700		52.9	10.0					
					800		50.7	10.0					

ISO C7A 2.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.5	15.0					
					250		62.6	14.0					
					500		57.1	11.0					
					600		55.6	10.2					
					700		53.1	10.0					
					800		51.0	10.0					

ISO C7A 2.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.6	15.0					
					250		62.8	14.0					
					500		57.2	11.0					
					600		55.8	10.2					
					700		53.4	10.0					
					800		51.2	10.0					

ISO C7A 3.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.7	15.0					
					250		62.9	14.0					
					500		57.4	11.0					
					600		56.0	10.2					
					700		53.6	10.0					
					800		51.5	10.0					

ISO C7A 3.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.7	15.0					
					250		63.0	14.0					
					500		57.6	11.0					
					600		56.2	10.2					
					700		53.8	10.0					
					800		51.7	10.0					

ISO C7A 4.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		64.8	15.0					
					250		63.1	14.0					
					500		57.7	11.0					
					600		56.4	10.2					
					700		54.0	10.0					
					800		51.9	10.0					

ISO C7A 5.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		63.3	14.0					
					500		58.0	11.0					
					600		56.7	10.2					
					700		54.4	10.0					
					800		52.3	10.0					

ISO C7A 7.5m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		63.7	14.0					
					500		58.6	11.0					
					600		57.3	10.2					
					700		55.1	10.0					
					800		53.1	10.0					

ISO C7A 10.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		64.1	14.0					
					500		59.1	11.0					
					600		57.8	10.2					
					700		55.6	10.0					
					800		53.6	10.0					

ISO C7A 15.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		64.7	14.0					
					500		59.6	11.0					
					600		58.3	10.2					
					700		56.1	10.0					
					800		54.1	10.0					

ISO C7A 20.0m SE Patch (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.0						
12345678					4		65.0	21.6					
					8		65.0	22.5					
12345678S					10		65.0	22.8					
12345678S					16		65.0	23.4					
					20		65.0	23.7					
					25		65.0	24.0					
					31.25		65.0	23.0					
					62.5		65.0	20.0					
					100		65.0	18.0					
					200		65.0	15.0					
					250		65.0	14.0					
					500		59.9	11.0					
					600		58.6	10.2					
					700		56.3	10.0					
					800		54.3	10.0					

Application Standards

10BASE-T

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	100 m	i	i									
					8	11.5	27.5						
123--6--S 123--6--S					10	11.5	26.0						

100BASE-TX

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	100 m	570	50	1	2.5	60.7	15.0					
					4	4.5	50.6	15.0					
					8	6.4	45.5	15.0					
123--6--S 123--6--S					10	7.1	43.9	15.0					
					16	9.1	40.5	15.0					
					20	10.3	38.8	15.0					
					25	11.5	37.2	14.0					
					31.25	13	35.6	13.1					
					62.5	18.7	30.5	10.1					
					100	24	27.1	8.0					

1000BASE-T

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678	i	100 m	570	50	1	2.5	60.7	15.0		57.0			54.4
					4	4.5	50.6	15.0		45.0			42.4
					8	6.4	45.5	15.0		38.9			36.3
12345678S 12345678S					10	7.1	43.9	15.0		37.0			34.4
					16	9.1	40.5	15.0		32.9			30.3
					20	10.3	38.8	15.0		31.0			28.4
					25	11.5	37.2	14.0		29.0			26.4
					31.25	13	35.6	13.1		27.1			24.5
					62.5	18.7	30.5	10.1		21.1			18.5
					100	24	27.1	8.0		17.0			14.4

10GBASE-T

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	4	65.0	19.0		63.3	62.0		60.3
12345678					4	4.2	63.0	19.0		51.2	60.5		48.2
					8	5.9	58.2	19.0		45.2	55.6		42.2
12345678S					10	6.6	56.6	19.0		43.3	54.0		40.3
12345678S					16	8.3	53.2	18.0		39.2	50.6		36.2
					20	9.3	51.6	17.5		37.2	49.0		34.2
					25	10.5	50.0	17.0		35.3	47.3		32.3
					31.25	11.7	48.4	16.5		33.4	45.7		30.4
					62.5	16.9	43.4	14.0		27.3	40.6		24.3
					100	21.7	39.9	12.0		23.3	37.1		20.3
					200	31.7	34.8	9.0		17.2	31.9		14.2
					250	35.9	33.1	8.0		15.3	30.2		12.3
					350	43.5	29.7	6.6		12.4	26.9		9.4
					500	53.4	22.0	6.0		9.3	20.4		6.3

CATV Broadband

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	i	i	i	i	i	i	i
12345678					4	4	i	i	i	i	i	i	i
					8	5.7	i	i	i	i	i	i	i
12345678S					10	6.3	i	i	i	i	i	i	i
12345678S					16	8	i	i	i	i	i	i	i
					20	9	i	i	i	i	i	i	i
					25	10.1	i	i	i	i	i	i	i
					31.25	11.4	i	i	i	i	i	i	i
					62.5	16.5	i	i	i	i	i	i	i
					100	21.3	i	i	i	i	i	i	i
					200	31.5	i	i	i	i	i	i	i
					250	35.9	i	i	i	i	i	i	i
					600	55	i	i	i	i	i	i	i
					700	55	i	i	i	i	i	i	i
					800	55	i	i	i	i	i	i	i
					865	55							

Cat6 Selftest

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	2	i	10	3	1	1	65.0	19.0		65.0			
12345678					4	1	64.0	19.0		65.0			
					8	1	57.9	19.0		63.9			
12345678S					10	1	56.0	19.0		62.0			
12345678S					16	1	51.9	19.0		57.9			
					20	1	50.0	19.0		56.0			
					25	1	48.0	19.0		54.0			
					31.25	1	46.1	17.8		52.1			
					62.5	1	40.1	14.2		46.1			
					100	1	36.0	11.8		42.0			
					200	1	27.0	8.2		36.0			
					250	1	24.1	7.0		34.0			

Class F Selftest

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	2	i	10	3	1	1	75.0	20.0		75.0			
12345678					4	1	75.0	20.0		75.0			
					8	1	75.0	20.0		74.5			
12345678S					10	1	75.0	20.0		73.0			
12345678S					16	1	75.0	20.0		69.9			
					20	1	75.0	20.0		68.5			
					25	1	75.0	20.0		67.0			
					31.25	1	75.0	18.9		65.6			
					62.5	1	70.5	15.6		61.1			
					100	1	66.0	13.4		58.0			
					200	1	59.4	10.1		53.5			
					250	1	57.2	9.0		52.0			
					600	1	48.9	9.0		46.3			

DTX-PL Selftest

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	2	i	10	3	1	0.6	79.0			79.0			
12345678					4	0.6	79.0	25.0		79.0			
					8	0.6	78.9	25.0		79.0			
12345678S					10	0.7	77.0	25.0		79.0			
12345678S					16	0.7	72.9	25.0		74.9			
					20	0.7	71.0	25.0		73.0			
					25	0.7	69.0	25.0		71.0			
					31.25	0.8	67.1	23.6		69.1			
					62.5	0.9	61.1	19.1		63.1			
					100	1.1	57.0	16.0		59.0			
					200	1.6	51.0	11.5		53.0			
					250	1.9	49.0	10.0		51.0			

TokenRing, 4Mb/s

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
--3456--	i	100 m	i	i	1				26.5				
--3456--					4	19		17.5					
					8		13.0						
--3456--S					10		11.5						
--3456--S													

TokenRing, 16Mb/s, Active

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
--3456--	i	100 m	i	i	1				32.1				
--3456--					4		23.0						
					8		18.5						
--3456--S					10		17.1						
--3456--S					16	16	14.0						
					20		12.5						
					25		11.1						

TokenRing, 16Mb/s, Passive

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
--3456--	i	100 m	i	i	1				33.6					
--3456--					4				24.5					
					8				20.0					
--3456--S					10				18.6					
--3456--S					16	19			15.5					
					20				14.0					
					25				12.6					

TP-PMD

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12----78	i	100 m	i	i	1		51.1		48.6				
12----79					4		42.0		39.5				
					8		37.5		35.0				
12----78S					10		36.1		33.6				
12----78S					16	10	33.0		30.5				
					20		31.5		29.0				
					25		30.1		27.6				
					31.25		28.6		26.1				
					62.5		24.1		21.6				

POE 2-Pair Cat 5e Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6--	i	100 m	555	50	1	3	60.0	17.0	57.0	57.4	57.0	54.0	54.4
123--6--					4	4.5	53.5	17.0	49.1	45.4	50.5	46.1	42.4
					8	6.3	48.6	17.0	42.3	39.3	45.6	39.3	36.3
123--6--S					10	7.1	47.0	17.0	39.9	37.4	44.0	36.9	34.4
123--6--S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.4	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.9	27.5	35.7	22.9	24.5
					62.5	18.6	33.6	12.1	15.0	21.5	30.6	12.0	18.5
					100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4

POE 2-Pair Cat 6 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	100 m	555	50	1	3	65.0	19.0	62.0	63.3	62.0	59.0	60.3
4					4	63.0	19.0	59.0	51.2	60.5	56.5	48.2	
8					5.7	58.2	19.0	52.5	45.2	55.6	49.9	42.2	
123--6--S 123--6--S					10	6.3	56.6	19.0	50.2	43.3	54.0	47.7	40.3
16					8	53.2	18.0	45.2	39.2	50.6	42.6	36.2	
20					9	51.6	17.5	42.6	37.2	49.0	39.9	34.2	
25					10.1	50.0	17.0	39.9	35.3	47.3	37.2	32.3	
31.25					11.4	48.4	16.5	37.0	33.4	45.7	34.3	30.4	
62.5					16.5	43.4	14.0	26.9	27.3	40.6	24.1	24.3	
100					21.3	39.9	12.0	18.6	23.3	37.1	15.8	20.3	
200					31.5	34.8	9.0	3.3	17.2	31.9	0.3	14.2	
250					35.9	33.1	8.0	-2.8	15.3	30.2	-5.8	12.3	

POE 2-Pair Cat 5e Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	90 m	498	44	1	3	60.0	19.0	57.0	58.6	57.0	54.0	55.6
4					3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6	
8					5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6	
123--6--S 123--6--S					10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
16					7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5	
20					8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6	
25					10	42.1	18.0	32.1	30.7	39.1	29.1	27.7	
31.25					11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7	
62.5					16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7	
100					21	32.3	12.0	11.3	18.6	29.3	8.3	15.6	

POE 2-Pair Cat 6 Perm. Link

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
123--6-- 123--6--	i	90 m	498	44	1	3	65.0	19.1	62.0	64.2	62.0	59.0	61.2
4					3.5	64.1	21.0	60.6	52.1	61.8	58.3	49.1	
8					5	59.4	21.0	54.4	46.1	57.0	52.1	43.1	
123--6--S 123--6--S					10	5.5	57.8	21.0	52.3	44.2	55.5	49.9	41.2
16					7	54.6	20.0	47.6	40.1	52.2	45.2	37.1	
20					7.9	53.1	19.5	45.2	38.2	50.7	42.8	35.2	
25					8.9	51.5	19.0	42.7	36.2	49.1	40.2	33.2	
31.25					10	50.0	18.5	40.0	34.3	47.5	37.6	31.3	
62.5					14.4	45.1	16.0	30.8	28.3	42.7	28.3	25.3	
100					18.6	41.8	14.0	23.3	24.2	39.3	20.7	21.2	
200					27.4	36.9	11.0	9.6	18.2	34.3	7.0	15.2	
250					31.1	35.3	10.0	4.2	16.2	32.7	1.6	13.2	

ZugBus-Wagen (WTB) 2pr

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F		
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB		
--3456--	i	64m	384	74	1	1	55.0								
--3456--					2	1	55.0								
--3456--S															
--3456--S															

MVB 1pr

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
---45---	i	200 m	384	74	1	3								
---45---					2	3.3								
---45---					3	4								
---45---S														

MVB 2pr

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F	
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB	
--3456--	i	200 m	384	74	1	3	45.0							
--3456--					2	3.3	45.0							
--3456--S					3	4	45.0							
--3456--S														

Profinet

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	25	i	555	50	1	4	60.0	17.0	56.0	57.4	57.0	53.0	54.4
12345678					4	4.5	53.5	17.0	49.0	45.4	50.5	46.0	42.4
					8	6.4	48.6	17.0	42.2	39.3	45.6	39.2	36.3
12345678S					10	7.2	47.0	17.0	39.8	37.4	44.0	36.8	34.4
12345678S					16	9.1	43.6	17.0	34.5	33.3	40.6	31.5	30.3
					20	10.2	42.0	17.0	31.8	31.4	39.0	28.8	28.4
					25	11.5	40.3	16.0	28.9	29.4	37.3	25.9	26.4
					31.25	12.9	38.7	15.1	25.8	27.5	35.7	22.8	24.5
					62.5	18.6	33.6	12.0	15.0	21.5	30.6	12.0	18.5
	100	24	30.1	10.0	6.1	17.4	27.1	3.1	14.4				

ISO11801 Channel Class D 2pr

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB			
123--6-- 123--6--	25	100 m	555	50	1	4	60	17.0	56	57.4			
					4	4.5	53.5	17.0	49	45.4			
					8	6.4	48.6	17.0	42.2	39.3			
123--6--S 123--6--S					10	7.2	47	17.0	39.8	37.4			
					16	9.1	43.6	17.0	34.5	33.3			
					20	10.2	42	17.0	31.8	31.4			
					25	11.5	40.3	16.0	28.9	29.4			
					31.25	12.9	38.7	15.1	25.8	27.5			
					62.5	18.6	33.6	12.0	15	21.5			
					100	24	30.1	10.0	6.1	17.4			

QMB3TU

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678 12345678	0.3	i	i	i	4	0.2	80.0	24.0		70.0			
					8	0.2	80.0	24.0		70.0			
					10	0.2	80.0	24.0		70.0			
12345678S 12345678S					16	0.2	77.9	24.0		68.7			
					20	0.2	76.0	24.0		66.2			
					25	0.2	74.0	24.0		63.7			
					31.25	0.2	72.1	23.6		61.1			
					62.5	0.2	66.1	19.1		53.3			
					100	0.2	62.0	16.0		48.0			
					200	0.2	56.0	11.5		40.2			
					250	0.2	52.1	11.0		37.7			
					350	0.2	46.3	11.0		33.9			
					500	0.2	40.1	11.0		29.8			

Vendor Standards

Please contact Graybar for details of the VIP Program.

Graybar VIP1000 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	60.0	17.0	57.0	56.8	57.0	54.0	55.6
12345678					4	4.3	53.5	17.0	49.2	45.0	50.9	46.6	43.6
					8	6.1	48.5	17.0	42.5	39.1	45.7	39.7	37.6
12345678S					10	6.8	47.0	17.0	40.2	37.2	44.1	37.3	35.6
12345678S					16	8.6	43.6	17.0	35.0	33.2	40.6	32.0	31.5
					20	9.7	42.1	17.0	32.4	31.3	39.0	29.3	29.6
					25	10.9	40.5	16.0	29.6	29.4	37.3	26.5	27.7
					31.25	12.2	38.9	15.1	26.7	27.5	35.7	23.5	25.7
					62.5	17.7	33.9	12.1	16.3	21.6	31.9	14.3	19.7
					100	22.8	31.6	10.0	8.8	17.6	30.5	7.7	15.6

Graybar VIP2000 Channel

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	3	65.0	21.0	62.0	63.8	62.0	59.0	60.8
12345678					4	3.9	65.0	21.0	61.1	51.7	62.0	58.1	48.7
					8	5.5	60.2	21.0	54.7	45.7	58.8	53.3	42.7
12345678S					10	6.2	58.6	21.0	52.5	43.8	57.2	51.1	40.8
12345678S					16	7.8	55.2	21.0	47.4	39.7	53.8	46.0	36.7
					20	8.8	53.6	21.0	44.8	37.7	52.2	43.4	34.7
					25	9.9	52.0	20.0	42.2	35.8	50.6	40.8	32.8
					31.25	11.1	50.4	19.1	39.3	33.9	49.0	37.9	30.9
					62.5	16	45.4	16.1	29.5	27.8	44.0	28.1	24.8
					100	20.5	42.0	14.0	21.5	23.8	40.6	20.1	20.8
	200	30	37.0	11.0	7.0	17.7	35.6	5.6	14.7				
	250	34	35.4	10.0	1.4	15.8	34.0		12.8				

10G Equip. Channel

* This is the average length of the four pairs

Wire Map	Res.	Length*	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	555	50	1	4	65.0	19.0		63.3	62.0		60.3
12345678					4	4.2	63.0	19.0		51.2	60.5		48.2
					8	5.9	58.2	19.0		45.2	55.6		42.2
12345678S					10	6.6	56.6	19.0		43.3	54.0		40.3
12345678S					16	8.3	53.2	18.0		39.2	50.6		36.2
					20	9.3	51.6	17.5		37.2	49.0		34.2
					25	10.5	50.0	17.0		35.3	47.3		32.3
					31.25	11.7	48.4	16.5		33.4	45.7		30.4
					62.5	16.9	43.4	14.0		27.3	40.6		24.3
					100	21.7	39.9	12.0		23.3	37.1		20.3
					200	31.7	34.8	9.0		17.2	31.9		14.2
					250	35.9	33.1	8.0		15.3	30.2		12.3
					350	43.5	29.7	6.6		12.4	26.9		9.4
					500	53.4	22.0	6.0		9.3	20.4		6.3

Coax Standards

10BASE-2

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.*	Insertion Loss
	Ω	Max.	nS	nS	MHz	dB
		185 m	i		5	6
					10	8.5

10BASE-5

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.*	Insertion Loss
	Ω	Max.	nS	nS	MHz	dB
		500 m	i		5	6
					10	8.5

CATV

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.*	Insertion Loss
	Ω	Max.	nS	nS	MHz	dB
		i	i		1	i
					900	i

75 Ohm Only

Coax Cables

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.*	Insertion Loss
	Ω	Max.	nS	nS	MHz	dB
		i	i		1	i
					250	i

*Frequency Steps

1 to 31.25 MHz	150 KHz
31.25 MHz to 100 MHz	250 KHz
100 MHz to 250 MHz	500 KHz
250 MHz to 900 MHz	1,000 KHz

Fiber Standards

*The Horiz limit for TIA no longer exists in ANSI/TIA-568-C.

TIA-568-C Multimode

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m	0.75	0.3					3.5	1.5			2,000
Multimode 62.5 μ m	0.75	0.3					3.5	1.5			2,000

TIA-568-C Singlemode ISP

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Singlemode 9 μ m	0.75	0.3							1.0	1.0	5,000

TIA-568-C Singlemode OSP

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Singlemode 9 μ m	0.75	0.3							0.5	0.5	5,000

ISO/IEC 11801 -2002 Fibre Link

Superceded by ISO/IEC 14763-3

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m	0.75	0.3					3.5	1.5			2,000
Multimode 62.5 μ m	0.75	0.3					3.5	1.5			2,000
Singlemode 9 μ m	0.75	0.3							1.0	1.0	5,000

ISO/IEC 11801 -2002 OF-300 CH

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			2.55	1.95							300
Singlemode					1.8	1.8					300

ISO/IEC 11801 -2002 OF-500 CH

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			3.25	2.25							500
Singlemode					2.0	2.0					500

ISO/IEC 11801 -2002 OF-2000 CH

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			8.5	4.5							2,000
Singlemode					3.5	3.5					2,000

ISO/IEC 14763-3 Please click on the link below before using this test limit
<http://www.flukenetworks.com/fnet/en-us/supportAndDownloads/KB/Datacom+Cabling/DTX-xFM+Fiber+Adapters/IEC+14763-3+support.htm>

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m	0.75	0.3					3.5	1.5			2,000
Multimode 62.5 μ m	0.75	0.3					3.5	1.5			2,000
Singlemode 9 μ m	0.75	0.3							1.0	1.0	5,000

EN50173 Fiber Optic Link

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m	0.75	0.3					3.5	1.5			2,000
Multimode 62.5 μ m	0.75	0.3					3.5	1.5			2,000
Singlemode 9 μ m	0.75	0.3							1.0	1.0	2,000

EN50173 OF-300 Channel

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			2.55	1.95							300
Singlemode					1.8	1.8					300

EN50173 OF-500 Channel

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			3.25	2.25							500
Singlemode					2.0	2.0					500

EN50173 OF-2000 Channel

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			8.5	4.5							2,000
Singlemode					3.5	3.5					2,000

General Fiber Optic Link You should only select General Fiber if you are creating a Custom Fixed Loss Limit based on your own loss calculations.

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m			4.5	2.2	2.2						1,000
Multimode 62.5 μ m			4.5	2.2	2.2						1,000
Singlemode 9 μ m					5.0	5.0					5,000

1000BASE-SX*

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
MM 50 μ m			3.56								550
MM 62.5 μ m			2.38								275
MM 62.5 μ m MBW=160			2.38								220
MM 62.5 μ m MBW=200			2.60								275
MM 62.5 μ m MBW=220			2.60								275
MM 62.5 μ m MBW=500			2.60								275
MM 50 μ m MBW=400			3.37								400
MM 50 μ m MBW=500			3.56								550
MM 50 μ m MBW=2000			3.56								550

*There are cables with higher Modal Bandwidth values that may allow you to go beyond 550 m. If you have such a cable, you can create a custom test limit based on this standard with your new length limit.

1000BASE-LX

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m				2.35							550
Multimode 62.5 μ m				2.35							550
Singlemode 9 μ m					4.7						5,000

Fibre Channel 266 SWL

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m			12.0								2,000
Multimode 62.5 μ m			12.0								700

10GBASE-S*

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
MM 50 μ m			2.3								82
MM 62.5 μ m			2.6								33
MM 62.5 μ m MBW=160			2.6								26
MM 62.5 μ m MBW=200			2.5								33
MM 62.5 μ m MBW=220			2.5								33
MM 62.5 μ m MBW=500			2.5								33
MM 50 μ m MBW=400			2.2								66
MM 50 μ m MBW=500			2.3								82
MM 50 μ m MBW=2000			2.6								300

*There are cables with higher Modal Bandwidth values such as OM4 that may allow you to go beyond 300 m.

If you have such a cable, you can create a custom test limit based on this standard with your new length limit.

10GBASE-LX4

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
MM 50 μ m				2.0							300
MM 62.5 μ m MBW=500				2.5							300
MM 50 μ m MBW=400				2.0							240
MM 50 μ m MBW=500				2.0							300
MM 50 μ m MBW=2000				2.0							300
Singlemode 9 μ m					6.3						5,000

10GBASE-L

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Singlemode 9 μ m					6.2						5,000

10GBASE-LRM

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
MM 50 μ m			1.9	1.9							220
MM 62.5 μ m			1.9	1.9							220

Fibre Channel 400-M5E-SN-I

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
MM 50 µm			2.88								380

Fibre Channel 400-M6-SN-I

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
MM 62.5 µm			1.78								70

Fibre Channel 400-SM-LC-L

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Singlemode 9 µm					7.80						10,000

GB 50312-2007 Fiber Link

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 µm	0.75	0.3					3.5	1.5			2,000
Multimode 62.5 µm	0.75	0.3					3.5	1.5			2,000
Singlemode 9 µm	0.75	0.3							1.0	1.0	5,000

GB 50312-2007 OF-300 Ch

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			2.55	1.95							300
Singlemode					1.8	1.8					300

GB 50312-2007 OF-500 Ch

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			3.25	2.25							500
Singlemode					2.0	2.0					500

GB 50312-2007 OF-2000 Ch

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			8.5	4.5							2,000
Singlemode					3.5	3.5					2,000

Korean Emblem Fiber MM(2006)

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			11.5	7.5							3,500

Korean Emblem Fiber SM(2006)

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Singlemode					5.5	5.5					15,500

Korean Fiber 11dB (2004)

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			11.0	11.0							3,000
Singlemode					11.0	11.0					14,000

Korean Fiber 12dB (2004)

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode			12.0	12.0							3,500
Singlemode					12.0	12.0					15,500

GOST R 53245-2008 Fiber Horiz.

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m			2	2							90
Multimode 62.5 μ m			2	2							90

GOST R 53245-2008 Backbone

Cable Type	Adapter Loss	Splice Loss	850 nm Fixed Loss	1300 nm Fixed Loss	1310 nm Fixed Loss	1550 nm Fixed Loss	850 nm Loss/km	1300 nm Loss/km	1310 nm Loss/km	1550 nm Loss/km	Length
	dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	m
Multimode 50 μ m	0.75	0.3					3.5	1.5			2,000
Multimode 62.5 μ m	0.75	0.3					3.5	1.5			2,000

Other Standards

These limits are for cabling experts only, who use the DTX-1800 CableAnalyzer on production lines and in their laboratories.

TIA Cat 5e Connector (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		75.0	30.0					
					4		71.0	30.0					
					8		64.9	30.0					
12345678S					10		63.0	30.0					
					16		58.9	30.0					
					20		57.0	30.0					
					25		55.0	30.0					
					31.25		53.1	30.0					
					62.5		47.1	24.1					
					100		43.0	20.0					

TIA Cat 6 Connector (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		75.0	30.0					
					4		75.0	30.0					
					8		75.0	30.0					
12345678S					10		74.0	30.0					
					16		69.9	30.0					
					20		68.0	30.0					
					25		66.0	30.0					
					31.25		64.1	30.0					
					62.5		58.1	28.1					
					100		54.0	24.0					
					200		48.0	18.0					
					250		46.0	16.0					

TIA Cat 6A Connector (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		75.0	30.0					
					4		75.0	30.0					
					8		75.0	30.0					
12345678S					10		74.0	30.0					
					16		69.9	30.0					
					20		68.0	30.0					
					25		66.0	30.0					
					31.25		64.1	30.0					
					62.5		58.1	30.0					
					100		54.0	28.0					
					200		48.0	22.0					
					250		46.0	20.0					
					350		40.2	17.1					
					500		34.0	14.0					

ISO Cat 6A Connector (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		75.0	30.0					
					4		75.0	30.0					
					8		75.0	30.0					
12345678S					10		74.0	30.0					
					16		69.9	30.0					
					20		68.0	30.0					
					25		66.0	30.0					
					31.25		64.1	30.0					
					62.5		58.1	30.0					
					100		54.0	28.0					
					200		48.0	22.0					
					250		46.0	20.0					
					350		41.7	17.1					
					500		37.0	14.0					

ISO Cat 7 Connector (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		80.0	30.0					
					4		80.0	30.0					
					8		80.0	30.0					
12345678S					10		80.0	30.0					
					16		80.0	30.0					
					20		80.0	30.0					
					25		80.0	30.0					
					31.25		80.0	30.0					
					62.5		75.5	30.0					
					100		72.4	28.0					
					200		67.9	22.0					
					250		66.4	20.0					
					500		61.9	14.0					
					600		60.7	12.4					

ISO Cat 7A Connector (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		75.0	30.0					
					4		75.0	30.0					
					8		75.0	30.0					
12345678S					10		75.0	30.0					
					16		75.0	30.0					
					20		75.0	30.0					
					25		75.0	30.0					
					31.25		75.0	30.0					
					62.5		75.0	30.0					
					100		75.0	28.0					
					200		70.3	22.0					
					250		68.3	20.0					
					500		62.3	14.0					
					600		60.7	12.4					
					700		58.1	11.1					
					800		55.7	9.9					

TIA C5eCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.3	20.0			62.3		
					4		56.3	23.0			53.3		
					8		51.8	24.5			48.8		
12345678S					10		50.3	25.0			47.3		
					16		47.2	25.0			44.2		
					20		45.8	25.0			42.8		
					25		44.3	24.3			41.3		
					31.25		42.9	23.6			39.9		
					62.5		38.4	21.5			35.4		
					100		35.3	20.1			32.3		

TIA C5ePCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		65.3	20.0			62.3		
					4		56.3	23.0			53.3		
					8		51.8	24.5			48.8		
12345678S					10		50.3	25.0			47.3		
					16		47.2	25.0			44.2		
					20		45.8	25.0			42.8		
					25		44.3	24.2			41.3		
					31.25		42.9	23.3			39.9		
					62.5		38.4	20.7			35.4		
					100		35.3	19.0			32.3		

TIA C5eCable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2	65.3	20.0		63.8	62.3		60.8
12345678					4	4.1	56.3	23.0		51.8	53.3		48.8
					8	5.8	51.8	24.5		45.7	48.8		42.7
12345678S					10	6.5	50.3	25.0		43.8	47.3		40.8
12345678S					16	8.2	47.2	25.0		39.7	44.2		36.7
					20	9.3	45.8	25.0		37.8	42.8		34.8
					25	10.4	44.3	24.3		35.8	41.3		32.8
					31.25	11.7	42.9	23.6		33.9	39.9		30.9
					62.5	17	38.4	21.5		27.9	35.4		24.9
					100	22	35.3	20.1		23.8	32.3		20.8

TIA C5ePCable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2.4	65.3	20.0		63.8	62.3		60.8
12345678					4	4.9	56.3	23.0		51.8	53.3		48.8
					8	6.9	51.8	24.5		45.7	48.8		42.7
12345678S					10	7.8	50.3	25.0		43.8	47.3		40.8
12345678S					16	9.9	47.2	25.0		39.7	44.2		36.7
					20	11.1	45.8	25.0		37.8	42.8		34.8
					25	12.5	44.3	24.2		35.8	41.3		32.8
					31.25	14.1	42.9	23.3		33.9	39.9		30.9
					62.5	20.4	38.4	20.7		27.9	35.4		24.9
					100	26.4	35.3	19.0		23.8	32.3		20.8

TIA C6Cable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		74.3	20.0			72.3		
					4		65.3	23.0		63.3			
					8		60.8	24.5		58.8			
12345678S					10		59.3	25.0		57.3			
					16		56.2	25.0		54.2			
					20		54.8	25.0		52.8			
					25		53.3	24.3		51.3			
					31.25		51.9	23.6		49.9			
					62.5		47.4	21.5		45.4			
					100		44.3	20.1		42.3			
					200		39.8	18.0		37.8			
					250		38.3	17.3		36.3			

TIA C6PCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		74.3	20.0			72.3		
					4		65.3	23.0		63.3			
					8		60.8	24.5		58.8			
12345678S					10		59.3	25.0		57.3			
					16		56.2	25.0		54.2			
					20		54.8	25.0		52.8			
					25		53.3	24.2		51.3			
					31.25		51.9	23.3		49.9			
					62.5		47.4	20.7		45.4			
					100		44.3	19.0		42.3			
					200		39.8	16.4		37.8			
					250		38.3	15.6		36.3			

TIA C6Cable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2	74.3	20.0		67.8	72.3		64.8
12345678					4	3.8	65.3	23.0		55.8	63.3		52.8
					8	5.3	60.8	24.5		49.7	58.8		46.7
12345678S					10	6	59.3	25.0		47.8	57.3		44.8
12345678S					16	7.6	56.2	25.0		43.7	54.2		40.7
					20	8.5	54.8	25.0		41.8	52.8		38.8
					25	9.5	53.3	24.3		39.8	51.3		36.8
					31.25	10.7	51.9	23.6		37.9	49.9		34.9
					62.5	15.4	47.4	21.5		31.9	45.4		28.9
					100	19.8	44.3	20.1		27.8	42.3		24.8
					200	29	39.8	18.0		21.8	37.8		18.8
					250	32.8	38.3	17.3		19.8	36.3		16.8

TIA C6PCable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2.4	74.3	20.0		67.8	72.3		64.8
12345678					4	4.5	65.3	23.0		55.8	63.3		52.8
					8	6.4	60.8	24.5		49.7	58.8		46.7
12345678S					10	7.1	59.3	25.0		47.8	57.3		44.8
12345678S					16	9.1	56.2	25.0		43.7	54.2		40.7
					20	10.2	54.8	25.0		41.8	52.8		38.8
					25	11.4	53.3	24.2		39.8	51.3		36.8
					31.25	12.8	51.9	23.3		37.9	49.9		34.9
					62.5	18.5	47.4	20.7		31.9	45.4		28.9
					100	23.8	44.3	19.0		27.8	42.3		24.8
					200	34.8	39.8	16.4		21.8	37.8		18.8
					250	39.4	38.3	15.6		19.8	36.3		16.8

TIA C6A Cable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		74.3	20.0			72.3		
					4		65.3	23.0			63.3		
					8		60.8	24.5			58.8		
12345678S					10		59.3	25.0			57.3		
					16		56.2	25.0			54.2		
					20		54.8	25.0			52.8		
					25		53.3	24.3			51.3		
					31.25		51.9	23.6			49.9		
					62.5		47.4	21.5			45.4		
					100		44.3	20.1			42.3		
					200		39.8	18.0			37.8		
					250		38.3	17.3			36.3		
					350		36.1	16.3			34.1		
	500		33.8	15.2			31.8						

TIA C6A PCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		74.3	20.0			72.3		
12345678S					4		65.3	23.0			63.3		
					8		60.8	24.5			58.8		
					10		59.3	25.0			57.3		
					16		56.2	25.0			54.2		
					20		54.8	25.0			52.8		
					25		53.3	24.2			51.3		
					31.25		51.9	23.3			49.9		
					62.5		47.4	20.7			45.4		
					100		44.3	19.0			42.3		
					200		39.8	16.4			37.8		
					250		38.3	15.6			36.3		
					350		36.1	14.3			34.1		
					500		33.8	13.0			31.8		

TIA C6A Cable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2.1	74.3	20.0		67.8	72.3		64.8
12345678					4	3.8	65.3	23.0		55.8	63.3		52.8
12345678S					8	5.3	60.8	24.5		49.7	58.8		46.7
					10	5.9	59.3	25.0		47.8	57.3		44.8
					16	7.5	56.2	25.0		43.7	54.2		40.7
					20	8.4	54.8	25.0		41.8	52.8		38.8
					25	9.4	53.3	24.3		39.8	51.3		36.8
					31.25	10.5	51.9	23.6		37.9	49.9		34.9
					62.5	15	47.4	21.5		31.9	45.4		28.9
					100	19.1	44.3	20.1		27.8	42.3		24.8
					200	27.6	39.8	18.0		21.8	37.8		18.8
					250	31.1	38.3	17.3		19.8	36.3		16.8
					350	37.2	36.1	16.3		16.9	34.1		13.9
					500	45.3	33.8	15.2		13.8	31.8		10.8

TIA C6A Pccable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2.5	74.3	20.0		67.8	72.3		64.8
12345678					4	4.6	65.3	23.0		55.8	63.3		52.8
12345678S					8	6.4	60.8	24.5		49.7	58.8		46.7
					10	7.1	59.3	25.0		47.8	57.3		44.8
					16	9	56.2	25.0		43.7	54.2		40.7
					20	10.1	54.8	25.0		41.8	52.8		38.8
					25	11.3	53.3	24.2		39.8	51.3		36.8
					31.25	12.6	51.9	23.3		37.9	49.9		34.9
					62.5	18	47.4	20.7		31.9	45.4		28.9
					100	23	44.3	19.0		27.8	42.3		24.8
					200	33.1	39.8	16.4		21.8	37.8		18.8
					250	37.3	38.3	15.6		19.8	36.3		16.8
					350	44.7	36.1	14.3		16.9	34.1		13.9
					500	54.3	33.8	13.0		13.8	31.8		10.8

ISO C6A Cable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		74.3	20.0			72.3		
					4		65.3	23.0		63.3			
					8		60.8	24.5		58.8			
12345678S					10		59.3	25.0		57.3			
					16		56.2	25.0		54.2			
					20		54.8	25.0		52.8			
					25		53.3	24.3		51.3			
					31.25		51.9	23.6		49.9			
					62.5		47.4	21.5		45.4			
					100		44.3	20.1		42.3			
					200		39.8	18.0		37.8			
					250		38.3	17.3		36.3			
					350		36.1	16.3		34.1			
					500		33.8	15.2		31.8			

ISO C6A PCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		74.3	20.0			72.3		
					4		65.3	23.0		63.3			
					8		60.8	24.5		58.8			
12345678S					10		59.3	25.0		57.3			
					16		56.2	25.0		54.2			
					20		54.8	25.0		52.8			
					25		53.3	24.2		51.3			
					31.25		51.9	23.3		49.9			
					62.5		47.4	20.7		45.4			
					100		44.3	19.0		42.3			
					200		39.8	16.4		37.8			
					250		38.3	15.6		36.3			
					350		36.1	14.3		34.1			
					500		33.8	13.0		31.8			

ISO C6A Cable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	2.1	74.3	20.0		67.8	72.3		64.8
12345678					4	3.8	65.3	23.0		55.8	63.3		52.8
					8	5.3	60.8	24.5		49.7	58.8		46.7
12345678S					10	5.9	59.3	25.0		47.8	57.3		44.8
12345678S					16	7.5	56.2	25.0		43.7	54.2		40.7
					20	8.4	54.8	25.0		41.8	52.8		38.8
					25	9.4	53.3	24.3		39.8	51.3		36.8
					31.25	10.5	51.9	23.6		37.9	49.9		34.9
					62.5	15	47.4	21.5		31.9	45.4		28.9
					100	19.1	44.3	20.1		27.8	42.3		24.8
					200	27.6	39.8	18.0		21.8	37.8		18.8
					250	31.1	38.3	17.3		19.8	36.3		16.8
					350	37.2	36.1	16.3		16.9	34.1		13.9
					500	45.3	33.8	15.2		13.8	31.8		10.8

ISO C6A PCable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	45	1	3.1	74.3	20.0		67.8	72.3		64.8
12345678					4	5.7	65.3	23.0		55.8	63.3		52.8
					8	8	60.8	24.5		49.7	58.8		46.7
12345678S					10	8.9	59.3	25.0		47.8	57.3		44.8
12345678S					16	11.2	56.2	25.0		43.7	54.2		40.7
					20	12.6	54.8	25.0		41.8	52.8		38.8
					25	14.1	53.3	24.2		39.8	51.3		36.8
					31.25	15.8	51.9	23.3		37.9	49.9		34.9
					62.5	22.5	47.4	20.7		31.9	45.4		28.9
					100	28.7	44.3	19.0		27.8	42.3		24.8
					200	41.4	39.8	16.4		21.8	37.8		18.8
					250	46.6	38.3	15.6		19.8	36.3		16.8
					350	55.9	36.1	14.3		16.9	34.1		13.9
					500	67.9	33.8	13.0		13.8	31.8		10.8

ISO C7 Cable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		80.0	20.0			77.0		
					4		80.0	23.0		77.0			
					8		80.0	24.5		77.0			
12345678S					10		80.0	25.0		77.0			
					16		80.0	25.0		77.0			
					20		80.0	25.0		77.0			
					25		80.0	24.3		77.0			
					31.25		80.0	23.6		77.0			
					62.5		75.5	21.5		72.5			
					100		72.4	20.1		69.4			
					200		67.9	18.0		64.9			
					250		66.4	17.3		63.4			
					350		64.2	17.3		61.2			
					500		61.9	17.3		58.9			
	600		60.7	17.3		57.7							

ISO C7 PCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		80.0	20.0			77.0		
					4		80.0	23.0		77.0			
					8		80.0	24.5		77.0			
12345678S					10		80.0	25.0		77.0			
					16		80.0	25.0		77.0			
					20		80.0	25.0		77.0			
					25		80.0	24.2		77.0			
					31.25		80.0	23.3		77.0			
					62.5		75.5	20.7		72.5			
					100		72.4	19.0		69.4			
					200		67.9	16.4		64.9			
					250		66.4	15.6		63.4			
					350		64.2	15.6		61.2			
					500		61.9	15.6		58.9			
	600		60.7	15.6		57.7							

ISO C7 Cable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	25	1	2	80.0	20.0		80.0	77.0		77.0
12345678					4	3.7	80.0	23.0		80.0	77.0		77.0
					8	5.2	80.0	24.5		75.9	77.0		72.9
12345678S					10	5.9	80.0	25.0		74.0	77.0		71.0
12345678S					16	7.4	80.0	25.0		69.9	77.0		66.9
					20	8.3	80.0	25.0		68.0	77.0		65.0
					25	9.3	80.0	24.3		66.0	77.0		63.0
					31.25	10.4	80.0	23.6		64.1	77.0		61.1
					62.5	14.9	75.5	21.5		58.1	72.5		55.1
					100	19	72.4	20.1		54.0	69.4		51.0
					200	27.5	67.9	18.0		48.0	64.9		45.0
					250	31	66.4	17.3		46.0	63.4		43.0
					350	37.2	64.2	17.3		43.1	61.2		40.1
					500	45.3	61.9	17.3		40.0	58.9		37.0
					600	50.1	60.7	17.3		38.4	57.7		35.4

ISO C7 PCable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100 m	545	25	1	3	80.0	20.0		80.0	77.0		77.0
12345678					4	5.6	80.0	23.0		80.0	77.0		77.0
					8	7.9	80.0	24.5		75.9	77.0		72.9
12345678S					10	8.8	80.0	25.0		74.0	77.0		71.0
12345678S					16	11.1	80.0	25.0		69.9	77.0		66.9
					20	12.4	80.0	25.0		68.0	77.0		65.0
					25	13.9	80.0	24.2		66.0	77.0		63.0
					31.25	15.6	80.0	23.3		64.1	77.0		61.1
					62.5	22.3	75.5	20.7		58.1	72.5		55.1
					100	28.5	72.4	19.0		54.0	69.4		51.0
					200	41.2	67.9	16.4		48.0	64.9		45.0
					250	46.5	66.4	15.6		46.0	63.4		43.0
					350	55.8	64.2	15.6		43.1	61.2		40.1
					500	67.9	61.9	15.6		40.0	58.9		37.0
					600	75.1	60.7	15.6		38.4	57.7		35.4

ISO C7A Cable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100	545	25	1	2.1	80.0	20.0		80.0	77.0		77.0
12345678					4	3.7	80.0	23.0		80.0	77.0		77.0
					8	5.2	80.0	24.5		77.2	77.0		74.2
12345678S					10	5.8	80.0	25.0		75.3	77.0		72.3
12345678S					16	7.3	80.0	25.0		71.2	77.0		68.2
					20	8.2	80.0	25.0		69.3	77.0		66.3
					25	9.2	80.0	24.3		67.3	77.0		64.3
					31.25	10.3	80.0	23.6		65.4	77.0		62.4
					62.5	14.6	78.5	21.5		59.4	75.5		56.4
					100	18.5	75.4	20.1		55.3	72.4		52.3
					200	26.5	70.9	18.0		49.3	67.9		46.3
					250	29.7	69.4	17.3		47.3	66.4		44.3
					500	42.8	64.9	17.3		41.3	61.9		38.3
					600	47.1	63.7	17.3		39.7	60.7		36.7
					700	51.1	62.7	17.3		38.4	59.7		35.4
	800	54.9	61.9	17.3		37.2	58.9		34.2				

ISO C7A PCable 100m (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	100	545	25	1	3.1	80.0	20.0		80.0	77.0		77.0
12345678					4	5.6	80.0	23.0		80.0	77.0		77.0
					8	7.8	80.0	24.5		77.2	77.0		74.2
12345678S					10	8.7	80.0	25.0		75.3	77.0		72.3
12345678S					16	11	80.0	25.0		71.2	77.0		68.2
					20	12.3	80.0	25.0		69.3	77.0		66.3
					25	13.8	80.0	24.2		67.3	77.0		64.3
					31.25	15.4	80.0	23.3		65.4	77.0		62.4
					62.5	21.9	78.5	20.7		59.4	75.5		56.4
					100	27.8	75.4	19.0		55.3	72.4		52.3
					200	39.7	70.9	16.4		49.3	67.9		46.3
					250	44.6	69.4	15.6		47.3	66.4		44.3
					500	64.1	64.9	15.6		41.3	61.9		38.3
					600	70.7	63.7	15.6		39.7	60.7		36.7
					700	76.7	62.7	15.6		38.4	59.7		35.4
	800	82.4	61.9	15.6		37.2	58.9		34.2				

ISO C7A Cable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		80.0	20.0			77.0		
					4		80.0	23.0			77.0		
					8		80.0	24.5			77.0		
12345678S					10		80.0	25.0			77.0		
					16		80.0	25.0			77.0		
					20		80.0	25.0			77.0		
					25		80.0	24.3			77.0		
					31.25		80.0	23.6			77.0		
					62.5		78.5	21.5			75.5		
					100		75.4	20.1			72.4		
					200		70.9	18.0			67.9		
					250		69.4	17.3			66.4		
					500		64.9	17.3			61.9		
					600		63.7	17.3			60.7		
					700		62.7	17.3			59.7		

ISO C7A PCable Spool (LA)

For cable vendors only with the laboratory adapters

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678					1		80.0	20.0			77.0		
					4		80.0	23.0			77.0		
					8		80.0	24.5			77.0		
12345678S					10		80.0	25.0			77.0		
					16		80.0	25.0			77.0		
					20		80.0	25.0			77.0		
					25		80.0	24.2			77.0		
					31.25		80.0	23.3			77.0		
					62.5		78.5	20.7			75.5		
					100		75.4	19.0			72.4		
					200		70.9	16.4			67.9		
					250		69.4	15.6			66.4		
					500		64.9	15.6			61.9		
					600		63.7	15.6			60.7		
					700		62.7	15.6			59.7		