

FIP Tip Adapter Quick Guide

For FIP-400 and FIP-400B Fiber Inspection Probes
































PATCHCORD TIPS / BULKHEAD
ADAPTERS / APC AND UPC /
SINGLE FIBER / MULTIFIBER






EXFO

Most Common Connectors Type





Single-Fiber Connectors

Adapter tips APC				Adapter tips UPC		
Male	Female			Male	Female	
FIPT-400-U25MA			SC Simplex (singlemode/multimode)			
	FIPT-400-SC-APC		SC Duplex (singlemode/multimode)		FIPT-400-FC-SC	
		FIPT-400-FC-APC		FC Simplex (singlemode/multimode)		
	N/A		ST Simplex (singlemode/multimode)		FIPT-400-U25M	FIPT-400-ST
		FIPT-400-E2000-APC		E2000 Simplex (singlemode/multimode)		
			E2000 Duplex (singlemode/multimode)		FIPT-400-E2000	
FIPT-400-U12MA			LX-5 Simplex (singlemode/multimode)		FIPT-400-LX.5	
	FIPT-400-LX5-APC		LX-5 Duplex (singlemode/multimode)			
	FIPT-400-LC-APC			LC Simplex (singlemode/multimode)		FIPT-400-LC
		FIPT-400-LC-APC		LC Duplex (singlemode/multimode)		
		N/A		MU Simplex (singlemode/multimode)		
			MU Duplex (singlemode/multimode)		FIPT-400-MU	




Multifiber Connectors

Adapter tips APC				Adapter tips UPC	
Male	Female			Male	Female
N/A			MT-RJ (2 fibers) (singlemode/multimode)		FIPT-400-MTRJ
	FIPT-400-MTPA2		MTP/MTPA/MPO (4, 8, 12 fibers) (singlemode/multimode)		FIPT-400-MTP2

FTTA Connectors

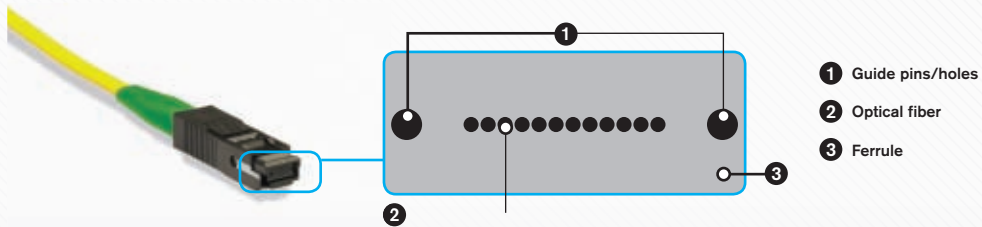
				Adapter tips UPC	
				Male	Female
			Outdoor connector (ODC) 2 fibers (singlemode/multimode)		FIPT-400-ODC-2PIN-P-K
			Outdoor connector (ODC) 4 fibers (singlemode/multimode)	FIPT-400-ODC-S	FIPT-400-ODC-4PIN-P-K

FTTH Connectors

				Adapter tips UPC	
				Male	Female
			OptiTap® (drop terminal with single fiber ports) 1 fiber (singlemode/multimode)	FIPT-400-U25MA	FIPT-400-OTAP-APC
			OptiSheat® (drop terminal with multifiber expansion port) Up to 12 fibers (singlemode)	FIPT-400-U25MA and FIPT-400-OTAP-MTP-APC	FIPT-400-OTAP-APC and FIPT-400-OTAP-MTP-APC
			OptiTip® Up to 12 fibers (singlemode/multimode)		FIPT-400-OTAP-MTP-APC

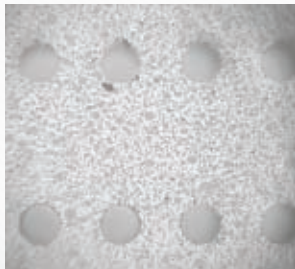
Multifiber Connectors

- › Multifiber connectors can be used in many applications, including FTTH, FTTA, data centers, ROADMs, etc.
- › Common types include the MPO, MTP^{®*} and OptiTip^{®*}



** MTP is a registered trademark of US Conec, and OptiTip is a registered trademark of Corning Cable Systems*

Inspecting multifiber connectors requires a special inspection tool. A scanning wheel is used to inspect each fiber individually. MT ferrules may house 4, 8, 12 or more fibers.



How to inspect an
MPO multifiber connector
with the FIP-400






Scan and watch the video (www.EXFO.com/connector4)

Ordering information

EXFO offers multiple patchcord tips and bulkhead adapters for both single fibers and multifiber applications. These tips and adapters are built to fit the wide range of fiber connector types and design you may encounter in the field. The following tips and adapters are compatible with both the FIP-400 and FIP-400B Series of inspection probes, and can be ordered separately or in kits. Please refer to the chart below for complete ordering information.







Adapters

Part Number	FIPT-400-ADAPTER †	FIPT-400-AD-A6	FIPT-400-AD-P5 †
Description	Adapter tip Allows the user to attach any Westover probe tip that does not include optics to EXFO's probe	60-degree adapter tip Allows the user to obtain 60-degree angle capabilities on certain standard probe tips that do not include optics	Adapter tip Allows the user to attach certain EXFO FIP-400 probe tips to the old Westover probe
			




Patchcord Tip Adapters

Part Number	FIPT-400-U12M	FIPT-400-U12MA	FIPT-400-U16M †	FIPT-400-U20M2	FIPT-400-U25M	FIPT-400-U25MA
Description	Universal patchcord tip for 1.25 mm ferrules	Universal patchcord tip for 1.25 mm ferrules (APC)	Universal 1.6 PC tip for male connector	Universal patchcord tip for 2.0 mm ferrules (D4, Lemo)	Universal patchcord tip for 2.5 mm ferrules	Universal patchcord tip for 2.5 mm ferrules (APC)
						

Bulkhead Adapters

Part Number	FIPT-400-D4	FIPT-400-E2000	FIPT-400-E2000-APC †	FIPT-400-FC-APC	FIPT-400-FC-SC	FIPT-400-FC-SC-A6
Description	D4 tip for bulkhead adapter	E-2000 tip for bulkhead adapter	E2000 APC tip for bulkhead adapter	FC/APC tip for bulkhead adapter	FC and SC tip for bulkhead adapter	FC and SC angled tip for bulkhead adapter; 60 degrees
						

Part Number	FIPT-400-LC	FIPT-400-LC-A6	FIPT-400-LC-APC	FIPT-400-LC-L	FIPT-400-LC-L-137	FIPT-400-LEMO
Description	LC tip for bulkhead adapter	LC angled tip for bulkhead adapter; 60 degrees	LC/APC tip for bulkhead adapter	Extended LC tip for PC bulkhead adapter	137 mm, extended LC tip for PC bulkhead adapter	Lemo bulkhead adapter
						







Part Number	FIPT-400-LX.5	FIPT-400-LX5-APC †	FIPT-400-MU	FIPT-400-MU-L	FIPT-400-MU-L-149	FIPT-400-OTAP-APC
Description	LX.5 PC tip for bulkhead connector	LX.5/APC tip for bulkhead adapter	MU tip for bulkhead adapters	Extended MU tip for PC bulkhead adapter	149 mm, extended MU tip for PC bulkhead adapter	OptiTap™ bulkhead adapter
						



* PASS/FAIL ANALYSIS NOT SUPPORTED.

 IMAGES COMING SOON






Ordering information






Bulkhead Adapters





Part Number	FIPT-400-SC-APC	FIPT-400-SC-APC-L	FIPT-400-SC-L	FIPT-400-SC-L-149	FIPT-400-SC-UPC	FIPT-400-SMA *
Description	SC APC tip for bulkhead adapter	SC angled extended tip for bulkhead connector	Extended SC tip for PC bulkhead adapter	149 mm, extended SC tip for PC bulkhead adapter	SC UPC tip for bulkhead adapter	SMA tips for bulkhead connector
						

Part Number	FIPT-400-SMAM *	FIPT-400-ST
Description	SMA tip for male connector	ST tip for bulkhead adapter
		


Multifiber/Multirow Tip Adapters

Part Number	FIPT-400-MTP2 *	FIPT-400-MTP2-TIP *	FIPT-400-MTPA2 *	FIPT-400-MTPA-TIP *	FIPT-400-MTP-MTRA *
Description	MTP/MPO UPC tip for bulkhead adapter: includes a bulkhead adapter for patchcord inspection	MTP/MPO UPC replaceable nozzle for FIPT-400-MTP2 or FIPT-400-MTPA2 tip	MTP/MPO APC tip for bulkhead adapter: includes a bulkhead adapter for patchcord inspection	MTP/MPO APC replaceable nozzle for FIPT-400-MTP2 or FIPT-400-MTPA2 tip	MTP/MPO multirow APC tip for bulkhead adapter: includes a bulkhead adapter for patchcord inspection
					

Part Number	FIPT-400-MTP-MTR-TIP-A *	FIPT-400-MTP-MTR *	FIPT-400-MTP-MTR-TIP *	FIPT-400-MTRJ *	FIPT-400-OTAP-MTP-APC *
Description	MTP/MPO multirow APC replaceable nozzle for FIPT-400-MTP-MTRA	MTP/MPO multirow UPC tip for bulkhead adapter: includes a bulkhead adapter for patchcord inspection	MTP/MPO multirow UPC replaceable nozzle for FIPT-400-MTP-MTRA	MTRJ tip for MTRJ bulkhead	MT/APC-type OptiTip™ and OptiTap™ multifiber adapter for male and female connectors. Comes in a kit; compatible with male and female cable ends
					







Part Number	FIPT-400-ODC-2PIN-P	FIPT-400-ODC-4PIN-P	FIPT-400-ODC-S	FIPT-400-ODC-U
Description	ODC 2 pin plug (female) guide tip	ODC 4 pin plug (female) guide tip	ODC socket (male) tip	ODC universal guide tip
				






* PASS/FAIL ANALYSIS NOT SUPPORTED.

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Ordering information

Tip Adapter Kits

Part Number	FIPT-400-LC-K	FIPT-400-LC-K-APC	FIPT-400-LC-K-UPC	FIPT-400-SCA-K	FIPT-400-MTP2-K*	FIPT-400-ODC-4PIN-P-K
Description	LC tip kit including: › FIPT-400-LC: LC tip for bulkhead adapters › FIPT-400-LC-APC: LC/APC tip for bulkhead adapter › FIPT-400-U12M: universal patchcord tip for 1.25 mm ferrules › FIPT-400-U12MA: universal patchcord tip for 1.25 mm ferrules (APC)	LC tip kit including: › FIPT-400-LC-APC: LC/APC tip for bulkhead adapter › FIPT-400-U12MA: Universal patchcord tip for 1.25 mm ferrules (APC)	LC tip kit including: › FIPT-400-LC: LC tip for bulkhead adapters › FIPT-400-U12M: universal patchcord tip for 1.25 mm ferrules	2,5 mm APC tip kit including: › FIPT-400-U25MA › FIPT-400-SC-APC	MTP/MPO tip kit including: › Tip for MTP/MPO bulkhead adapter › Nozzle for MTP/MPO APC connectors › Nozzle for MTP/MPO UPC connectors › Bulkhead adapter for patchcord inspection	ODC 4 pin plug (female) guide and universal tip
						

Part Number	FIPT-400-ODC-2-4PIN-P-K	FIPT-400-MTP-MTR-K*	FIPT-400-ODC-2PIN-P-K	FIPT-400-OTAP-MTP-APC/M*	FIPT-400-OTIP-MT-APC/M*
Description	ODC 2 and 4 pin plug (female) guides and universal tip	MTP/MPO multirow APC and UPC tip for bulkhead adapter includes a bulkhead adapter for patchcord inspection	ODC 2 pin plug (female) guide and universal tip	Male adapter tube for FIPT-400-OTAP-MTP-APC tip	Male adapter tube for FIPT-400-OTIP-MT-APC tip
					

* PASS/FAIL ANALYSIS NOT SUPPORTED.

 IMAGES COMING SOON

For more information on automated fiber inspection solutions, visit EXFO.com/KeepTheFocus

