Guide on tips, SmarTips and adapters for EXFO's inspection scopes

(FIP-500 and FIP-400B)

The largest range of tip adapters in the industry to match any connector, in all settings possible.

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

Smarter network in sight.™

EXFO

FIP-500 SmarTips

Fastest inspection in the industry for duplex, single-fiber, and multi-fiber connectors

Did you know?

By tapping your SmarTip on the FIP-500, pass/fail thresholds will be automatically adjusted to the type of connector under test.This remarkable level of automation prevents threshold selection mistakes and makes fiber inspection easier than ever!

Innovative quick-connect mechanism

Swap tips in a quarter-turn click—a game-changing innovation. No loose parts, not a second wasted. Tip switching can be done with one hand, if needed. It has never been easier to swap between single-fiber, duplex and multi-fiber tips.

SmarTips for most common connectors types

Each connector needs the appropriate adapter when it comes to fiber inspection. To make it as easy as possible to use or order the tip adapter needed, EXFO has put together this quick reference guide. It includes the full array of tips available, associated connectors and respective ordering information.

FIP-500 SmarTips for single-fiber connectors

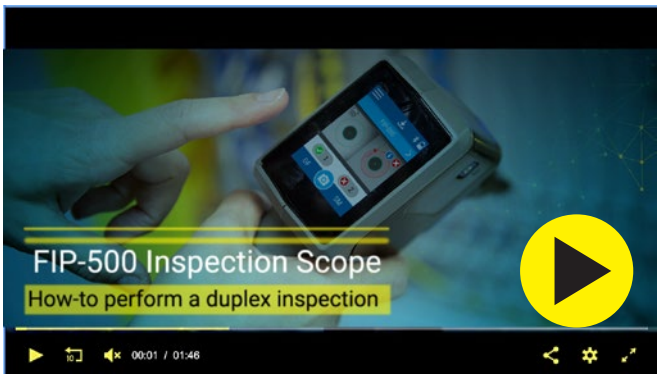
Optical head	Adapter tips APC		Connector			Adapter tips UPC		Optical head
	Male	Female				Male	Female	
OHSF Optical head for single-fiber OHSF-A60 Optical head with 60° angle for single-fiber	STIP-U2.5-A	STIP-SC-A STIP-SC-A-L (long reach)		SC Simplex		STIP-U2.5-U	STIP-SC-FC-U STIP-SC-U-L (long reach) STIP-SC-U-A60	OHSF Optical head for single-fiber OHSF-A60 Optical head with 60° angle for single-fiber
				SC Duplex				
		STIP-FC-A		FC Simplex			STIP-SC-FC-U	
		N/A		ST Simplex			STIP-ST-U	
		STIP-E2000-A		E2000 Simplex			STIP-E2000-U	
				E2000 Duplex				
	STIP-U1.25-A	N/A		MU Simplex		STIP-U1.25-U	STIP-MU-U	
				MU Duplex				
		STIP-LC-A STIP-LC-A-L STIP-LC-A-A60		LC Simplex			STIP-LC-U STIP-LC-U-L STIP-LC-U-A60	

FIP-500 SmarTips for multi-fiber connectors

Optical head	Tip	Jumper	Connector	Bulkhead	Tip	Optical head
 OHMF Optical head for multi-fiber OHMF-A60 Optical head with 60° angle for multi-fiber	 RAC-MPO-12-Type A (key up/key down) + STIP-MPO-U		MPO-8/12/24/48 UPC		 STIP-MPO-U	 OHMF Optical head for multi-fiber OHMF-A60 Optical head with 60° angle for multi-fiber
	 RAC-MPO-12-Type A (key up/key down) + STIP-MPO-A		MPO-8/12/24/48 APC		 STIP-MPO-A	
	 RAC-MPO-16-Type A + STIP-MPO-U		MPO 16/32/64 UPC		 STIP-MPO-U	
	 RAC-MPO-16-Type A + STIP-MPO-A		MPO 16/32/64 APC		 STIP-MPO-A	
	 RAC-MPO-12-Type A (key up/key down) + STIP-MPO-A-KL		CommScope SYSTIMAX		 STIP-MPO-A-KL	
	 RAC-MPO-12-MT + STIP-MPO-U		MPO-MT Ferrule UPC	 RAC-MPO-12-MT	 STIP-MPO-U	
	 RAC-MPO-12-MT + STIP-MPO-A		MPO-MT Ferrule APC	 RAC-MPO-12-MT	 STIP-MPO-A	

Unique duplex inspection in a single step

50% time saving on duplex connector inspection, thanks to the innovative SmarTip design that provides a pass/fail diagnosis for each fiber, as well as a dual fiber view.



FIP-500 SmarTips for duplex connectors

Optical head	Tip	Jumper	Connector	Bulkhead	Tip	Optical head
OHMF Optical head for multi-fiber	STIP-LC-DF-U + LC duplex bulkhead adapter		LC Duplex	LC duplex bulkhead adapter	STIP-LC-DF-U	OHMF Optical head for multi-fiber
	STIP-SN-DF-U + SN bulkhead adapter		SN Duplex	SN bulkhead adapter	STIP-SN-DF-U	
OHMF-A60 Optical head with 60° angle for multi-fiber	STIP-CS-DF-U + CS bulkhead adapter		CS Duplex	CS bulkhead adapter	STIP-CS-DF-U	OHMF-A60 Optical head with 60° angle for multi-fiber
	STIP-QODC-2-DF-U-F note: the duplex tip tests 2 connectors simultaneously		Q-ODC Duplex		STIP-QODC-2-DF-U-M note: the duplex tip tests 2 connectors simultaneously	

FIP-500 SmarTips for FTTx connectors

Optical head	Tip	Socket	Connector	Plug	Tip	Optical head
OHSF Optical head for single-fiber	STIP-U2.5-A		OptiTap® (OptiSheath® Multiport terminal, in-line tether extender or flexible service terminals)		STIP-OTAP-A	OHSF Optical head for single-fiber
OHSF-A60 Optical head with 60° angle for single-fiber	STIP-SFADP-400		Outdoor connector (ODC) 2 fibers		STIP-SFADP-400 + FIPT-400-ODC-2PIN-P-K	OHSF-A60 Optical head with 60° angle for single-fiber
	FIPT-400-ODC-S		Outdoor connector (ODC) 4 fibers		STIP-SFADP-400 FIPT-400-ODC-4PIN-P-K	
OHMF Optical head for multi-fiber	STIP-QODC-12-U-F		Outdoor connector Q-ODC-12 UPC		STIP-QODC-12-U-M	OHMF Optical head for multi-fiber
	STIP-QODC-12-A-F		Outdoor connector Q-ODC-12 APC		STIP-QODC-12-A-M	
	STIP-QODC-2-DF-U-F note: the duplex tip tests 2 connectors simultaneously		Q-ODC Duplex		STIP-QODC-2-DF-U-M note: the duplex tip tests 2 connectors simultaneously	
OHMF-A60 Optical head with 60° angle for multi-fiber	STIP-OTIP-A-F		OptiTip® and HMFOC® Up to 12 fibers		STIP-OTIP-A-M	OHMF-A60 Optical head with 60° angle for multi-fiber
	STIP-IP9-MPO-A		IP9-MPO		STIP-MPO-A	

FIP-500 SmarTip ordering information

EXFO offers multiple patchcord tips and bulkhead adapters for both single-fiber and multi-fiber applications. These tips and adapters are built to fit the wide range of fiber connector types and design encountered in the field. The following tips and adapters are compatible with EXFO's FIP-500 and FIP-400B series and can be ordered separately or in kits. Please refer to the chart below for complete ordering information.

Optical head

Part number	OHSF	OHSF-A60	OHMF	OHMF-A60
Description	Optical head for single-fiber	Optical head with for single-fiber	Optical head for multi-fiber	Optical head with 60° angle for multi-fiber

STIPs adapters

Part number	STIP-SFADP-400	RAC-MPO-12-MT	RAC-MPO-12-TypeA	RAC-MPO-16-TypeA
Description	FIP-500 adapter to support FIPT-400 single-fiber tips	MPO-12 to MT hybrid bulkhead connector (for MT ferrule inspection with a FIP-500 equipped with OHMF optical head and STIP-MPO compatible) APC and UPC	MPO-12 bulkhead connector Type A (APC): opposite key (key up to key down)	MPO-16 bulkhead connector Type A (APC): opposite key (key up to key down)

Universal patchcord STIPs

Part number	STIP-U1.25-U	STIP-U1.25-A	STIP-U2.5-U	STIP-U2.5-A
Description	Universal 1.25 mm/ UPC patchcord	Universal 1.25 mm/ APC patchcord	Universal 2.5 mm/UPC patchcord	Universal 2.5 mm/APC patchcord

Bulkhead STIPs FC/SC

Part number	STIP-SC-FC-U	STIP-FC-A	STIP-SC-A	STIP-SC-U-L	STIP-SC-A-L
Description	SC/UPC and FC/UPC bulkhead connector	FC/APC bulkhead connector	SC/APC bulkhead connector	SC/UPC extended bulkhead connector	SC/APC extended bulkhead connector

Part number	STIP-SC-U-A60	STIP-OTAP-A
Description	LC/UPC, 60° angle bulkhead connector	OptiTap/APC bulkhead connector

Bulkhead STIPs
LC

Part number	STIP-LC-U	STIP-LC-A	STIP-LC-U-A60	STIP-LC-A-A60	STIP-LC-U-L	STIP-LC-A-L
Description	LC/UPC bulkhead connector	LC/APC bulkhead connector	LC/UPC, 60° angle bulkhead connector	LC/APC, 60° angle bulkhead connector	LC/UPC extended bulkhead connector	LC/APC extended bulkhead connector

Specials STIPs

Part number	STIP-E2000-U	STIP-E2000-A	STIP-MU-U	STIP-ST-U
Description	E-2000/UPC bulkhead connector	E-2000/APC bulkhead connector	MU/UPC extended bulkhead connector	ST/UPC bulkhead connector

Duplex STIPs

Part number	STIP-LC-DF-U	STIP-CS-DF-U	STIP-SN-DF-U	STIP-QODC-2-DF-U
Description	LC/UPC DUPLEX bulkhead connector	CS/UPC DUPLEX bulkhead connector	SN/UPC DUPLEX bulkhead connector	UPC DUPLEX bulkhead connector male/female included

Multi-fiber STIPs

Part number	STIP-MPO-U	STIP-MPO-A	STIP-IP9-MPO-A	STIP-MPO-A-KL	STIP-QODC-12-U	STIP-QODC-12-A
Description	MPO/UPC for MPO 8/12/16 up to 4 rows	MPO/APC for MPO 8/12/16 up to 4 rows	IP9 MPO/APC connectors	Keyless MPO/APC for MPO 8/12/16 up to 4 rows. Compatible with CommScope inverted key system	UPC (12 fibers) male/female included	APC (12 fibers) male/female included

Part number	STIP-OTIP-A
Description	OptiTip-™-HMFOC®/ APC male/female included

Kit STIPs

Part number	STIP-SCU-K	STIP-SCA-K	STIP-LC-K	STIP-LCU-K	STIP-LCA-K
Description	**Universal 2.5 mm/ SC-UPC kit includes:** • STIP-U2.5-U • STIP-SC-FC-U 	**Universal 2.5 mm/ SC-APC kit includes:** • STIP-U2.5-A • STIP-SC-A 	**LC kit includes:** • STIP-LC-U: FIP-500 SmarTip: LC/UPC bulkhead connector • STIP-LC-A: FIP-500 SmarTip: LC/APC bulkhead connector • STIP-U1.25-U: FIP-500 SmarTip: Universal 1.25 mm/UPC patchcord • STIP-U1.25-A: FIP-500 SmarTip: Universal 1.25 mm/APC patchcord 	**LC/UPC kit includes:** • STIP-LC-U: FIP-500 SmarTip: LC/UPC bulkhead connector • STIP-U1.25-U: FIP-500 SmarTip: Universal 1.25 mm/UPC patchcord 	**LC/APC kit includes:** • STIP-LC-A: FIP-500 SmarTip: LC/APC bulkhead connector • STIP-U1.25-A: FIP-500 SmarTip: Universal 1.25 mm/APC patchcord

Accessories

Part number	GP-2299	GP-2302	GP-10-071	GP-10-116
Description	Compartmented plastic case for STIP 	Belt holster for FIP-500 	Small-size soft carrying case 	Rigid carrying case

FIP-500 compatibility with FIPT-400 tips

FIP-500 → OPTICAL HEAD → ADAPTER → FIPT-400 TIP

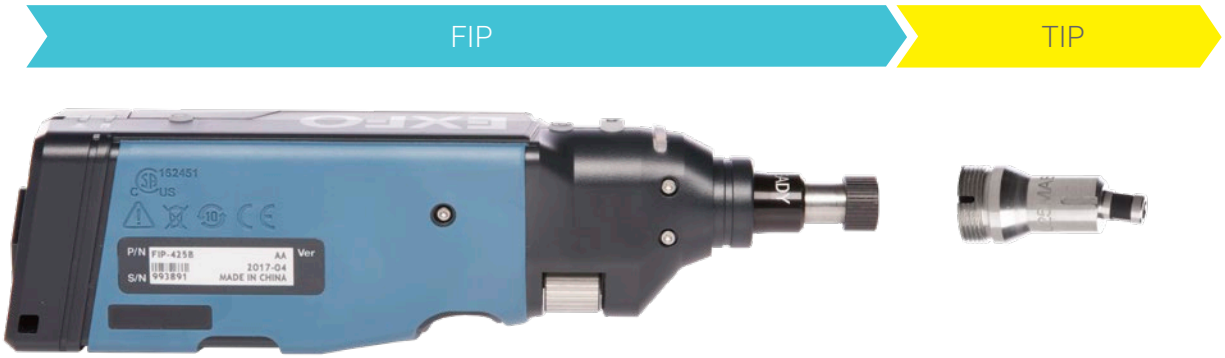
FIPT	COMPATIBILITY WITH STIP-SFADP-400	FIP-500 EQUIVALENT AVAILABILITY
FIPT-400-AD-A6	X	✓ OHSF-A60 ✓ OHMF-A60
FIPT-400-CS	✓ rev. C	✓ STIP-CS-DF-U
FIPT-400-D4	✓ rev. A and C	X
FIPT-400-E2000-APC	X	✓ STIP-E2000-A
FIPT-400-E2000-UPC	X	✓ STIP-E2000-U
FIPT-400-FC/APC	✓ rev. A and C	✓ STIP-FC-A
FIPT-400-FC-SC	✓ rev. C	✓ STIP-SC-FC-U
FIPT-400-FC-SC-A6	X	✓ STIP-SC-U-A60
FIPT-400-LC-A6	X	✓ STIP-LC-U-A60
FIPT-400-LC-APC	✓ rev. C	✓ STIP-LC-A
FIPT-400-LC-APC-L	✓ rev. C	✓ STIP-LC-A-L
FIPT-400-LC-L (UPC)	✓ rev. C	✓ STIP-LC-U-L
FIPT-400-LC-L-137	✓ rev. A and C	✓ STIP-LC-U-L
FIPT-400-LC-SQ	✓ rev. C	✓ STIP-LC-U
FIPT-400-MDC	✓ rev. A and C	X
FIPT-400-MIL-2CPA	✓ rev. C	X
FIPT-400-MU	✓ rev. A and C	✓ STIP-MU-U
FIPT-400-MU-L	✓ rev. A and C	X
FIPT-400-MU-L-149	✓ rev. A and C	X
FIPT-400-ODC-2PINP	✓ rev. A and C	✓ STIP-QODC-2-DF-U-M
FIPT-400ODC2PINP-K	✓ rev. C	X
FIPT-400-OTAP-APC	X	✓ STIP-OTAP-A

FIPT	COMPATIBILITY WITH STIP-SFADP-400	FIP-500 EQUIVALENT AVAILABILITY
FIPT-400-SC-APC	✓ rev. A and C	✓ STIP-SC-A
FIPT-400-SC-APC-L	✓ rev. C	✓ STIP-SC-A-L
FIPT-400-SC-L	✓ rev. C	✓ STIP-SC-U-L
FIPT-400-SC-L-149	✓ rev. A and C	✓ STIP-SC-U-L
FIPT-400-SN	✓ rev. C	✓ STIP-SN-DF-U
FIPT-400-ST/UPC	✓ rev. A and C	✓ STIP-ST-U
FIPT-400-U12M	✓ rev. C	✓ STIP-U1.25-U
FIPT-400-U12MA	✓ rev. C	✓ STIP-U1.25-A
FIPT-400-U16F	✓ rev. A and C	X
FIPT-400-U16M	✓ rev. A and C	X
FIPT-400-U20M2	✓ rev. A and C	X
FIPT-400-U20M2	✓ rev. C	X
FIPT-400-U25M	✓ rev. C	✓ STIP-U2.5-U
FIPT-400-U25MA	✓ rev. C	✓ STIP-U2.5-A
FIPT-400-U25MA-R	✓ rev. C	X
FIPT-400-U25M-R	✓ rev. C	X

FIPT	COMPATIBILITY WITH STIP-SFADP-400	FIP-500 EQUIVALENT IN DEVELOPMENT
FIPT-400-LC-D (APC & UPC)	✓ rev. A and C	STIP-LC-DF-A
FIPT-400-MDC-APC	✓ rev. C	STIP-MDC-DF-A
FIPT-400-ODC-S	✓ rev. A and C	STIP-ODC-4-DF

FIP-400B Tip series

Our FIP-400B fiber inspection scopes use a different set of tips. However, these tips can also be used with the FIP-500 by simply adding the optical head for single fiber.



Listed below are the most common types of connectors and tips for the FIP-400B series or the FIP-500 equipped with an OHSF.

Single-fiber connectors

Adapter tips APC		Connector			Adapter tips UPC	
Male	Female				Male	Female
FIPT-400-U25MA	FIPT-400-SC-APC		SC Simplex		FIPT-400-U25M	FIPT-400-FC-SC
			SC Duplex			
	FIPT-400-FC-APC		FC Simplex			
	N/A		ST Simplex			FIPT-400-ST
	FIPT-400-E2000-APC		E2000 Simplex			FIPT-400-E2000
			E2000 Duplex			
FIPT-400-U12MA	FIPT-400-LX5-APC		LX-5 Simplex		FIPT-400-U12M	FIPT-400-LX.5
			LX-5 Duplex			
	N/A		MU Simplex			FIPT-400-MU
			MU Duplex			
	FIPT-400-LC-APC		LC Simplex			FIPT-400-LC-SQ
FIPT-400-LC-D-APC			LC Duplex		FIPT-400-LC-D	

FIP → TIP → NOZZLE → SPECIAL ADAPTER

Not needed when dedicated nozzle for male connector is available, see next page.

MF-Ready FIP-400B series FIPT for MPO connectors

Jumper		Connector			Bulkhead	
FIPT-400-MF-MPO*			MPO 12-24 UPC		FIPT-400-MF-MPO*	
FIPT-400-MF-MPO-APC*			MPO 12-24 APC		FIPT-400-MF-MPO-APC*	
FIPT-400-MF-MPO-X*			MPO 16-32 UPC		FIPT-400-MF-MPO-X*	

MF-Ready FIP-400B series FIPT for FTTH connectors

Drop cable		Connector			Terminal port	
FIPT-400-U25MA			OptiTap® (OptiSheath® multiport terminal, in-line tether extender or flexible service terminals)		FIPT-400-OTAP-APC	
FIPT-400-MF-OTIP-MT-APC*			OptiTip® and HMFOC® Up to 12 fibers		FIPT-400-MF-OTIP-MT-APC*	
FIPT-400-U25MA			Corning Evolv™ solution with Pushlok™ technology		FIPT-400-Evolv	

MF-Ready FIP-400B series FIPT for FTTA connectors

Socket		Connector			Plug	
FIPT-400-ODC-S			Outdoor connector (ODC) 2 fibers		FIPT-400-ODC-2PIN-P-K	
			Outdoor connector (ODC) 4 fibers		FIPT-400-ODC-4PIN-P-K	
FIPT-400-MF-QODC-12*			Outdoor connector Q-ODC-12 UPC		FIPT-400-MF-QODC-12*	
FIPT-400-MF-QODC-12-APC*			Outdoor connector Q-ODC-12 APC		FIPT-400-MF-QODC-12-APC*	

* Requires the FIP-400B MF-Ready version.

FIP-400B Tip ordering information

Universal patchcord FIPT-400 tips

Part number	FIPT-400-U12M	FIPT-400-U12MA	FIPT-400-U16M	FIPT-400-U16F	FIPT-400-U20M2	FIPT-400-U25M
Description	Universal patchcord tip for 1.25 mm ferrules	Universal patchcord tip for 1.25 mm ferrules (APC)	Universal 1.6 mm/PC tip for male connector	Universal 1.6mm/PC bulkhead (female side)	Universal patchcord tip for 2.0 mm ferrules (D4, Lemo)	Universal patchcord tip for 2.5 mm ferrules
Part number	**FIPT-400-U25M-R**	**FIPT-400-U25MA**	**FIPT-400-U25MA-R**	**FIPT-400-Evolv**	**FIPT-400-LC-D**	**FIPT-400-LC-D-APC**
Description	Ultra-rugged universal patchcord tip for 2.5 mm ferrule	Universal patchcord tip for 2.5 mm ferrules (APC)	Ultra-rugged universal patchcord tip for 2.5 mm/APC ferrule	Single-fiber port of the Corning Evolv™ terminal for the Pushlok connector	Duplex patchcord tip for LC-UPC connectors	Duplex patchcord tip for LC-APC connectors

FIPT-400 adapters

Part number	FIPT-400-ADAPTER*	FIPT-400-AD-A6	FIPT-400-AD-P5
Description	**Adapter tip** Allows the user to attach any Westover scope tips that does not include optics to EXFO's scope	**60° adapter tip** Allows the user to obtain 60° angle capabilities on certain standard scope tips that do not include optics	**EXFO FIP tips to Westover FIP adapter** Allows the user to attach some EXFO FIP-400B scope tips to the old Westover scope

ODC 2 and 4 fibers tips and guides

Part number	FIPT-400-ODC-U	FIPT-400-ODC-2PIN-P	FIPT-400-ODC-4PIN-P	FIPT-400-ODC-S
Description	ODC universal guided tip (to be used with a plug guide)	ODC 2 pin plug (female) guide tip	ODC 4 pin plug (female) guide tip	ODC socket (male) tip

Q-ODC® duplex tips and guides

Part number	FIPT-400-QODC-2P	FIPT-400-QODC-2P-P	FIPT-400-QODC-2P-S
Description	Q-ODC universal guided tip (to be used with a guide tip)	Q-ODC 2 pin plug (female) guide tip	Q-ODC 2 pin socket (male) guide tip

Bulkhead FIPT-400 tips

Part number	FIPT-400-D4	FIPT-400-E2000	FIPT-400-E2000-APC*	FIPT-400-E2000A-A6	FIPT-400-FC-APC	FIPT-400-FC-SC
Description	D4 tip for bulkhead adapter	E-2000 tip for bulkhead adapter	E2000 APC tip for bulkhead adapter	E2000 APC angled tip for bulkhead adapter; 60° angle	FC/APC tip for bulkhead adapter	FC and SC tip for bulkhead adapter

Part number	FIPT-400-FC-SC-A6	FIPT-400-LC-SQ	FIPT-400-LC-A6	FIPT-400-LC-L	FIPT-400-LC-L-137	FIPT-400-LC-APC
Description	FC and SC angled tip for bulkhead adapter; 60° angle	LC tip for bulkhead adapter	LC angled tip for bulkhead adapter; 60° angle	58.5 mm, extended LC tip for PC bulkhead adapter	137 mm, extended LC tip for PC bulkhead adapter	LC/APC tip for bulkhead adapter

Part number	FIPT-400-LC-APC-L	FIPT-400-LEMO	FIPT-400-LX.5	FIPT-400-LX5-APC*	FIPT-400-MDC-APC	FIPT-400-MIL-2CPA
Description	61 mm, LC/APC extended tip for bulkhead connector	Lemo bulkhead adapter	LX.5/PC tip for bulkhead connector	LX.5/APC tip for bulkhead adapter	MDC tip for MDC/APC bulkhead connector	Tip to inspect Glenair D38999 plug

Part number	FIPT-400-MTRJ*	FIPT-400-MU	FIPT-400-MU-L	FIPT-400-MU-L-149	FIPT-400-SC-APC	FIPT-400-SC-APC-L
Description	MTRJ tip for MTRJ bulkhead	MU tip for bulkhead adapter	Extended MU tip for PC bulkhead adapter	149 mm, extended MU tip for PC bulkhead adapter	SC/APC tip for bulkhead adapter	54 mm, SC angled extended tip for bulkhead connector

Part number	FIPT-400-SC-L	FIPT-400-SC-L-149	FIPT-400-SMA*	FIPT-400-SMAM*	FIPT-400-ST	FIPT-400-OTAP-APC
Description	56.5 mm, extended SC tip for PC bulkhead adapter	149 mm, extended SC tip for PC bulkhead adapter	SMA tips for bulkhead connector	SMA tip for male connector	ST tip for bulkhead adapter	OptiTap™ bulkhead adapter

Part number	FIPT-400-SN	FIPT-400-CS
Description	SN/UPC bulkhead connector (including SN bulkhead adapter for patchcord inspection)	CS/UPC for bulkhead connector (including CS bulkhead adapter for patchcord inspection)

* Pass/Fail analysis not supported.

Automated multifiber tips, nozzles and adapters*

Part number	FIPT-400-MF-MPO	FIPT-400-MF-MPO-APC	FIPT-400-MF-MPO-K	FIPT-400-MF-MPO-X	FIPT-400-MF-MPOX-A
Description	Automated tip for MPO/UPC connectors (12-fiber row), one-hand operation. Compatible with single- and dual-row connectors, up to 24 fibers.	Automated tip for MPO/APC connectors (12-fiber row), one-hand operation. Compatible with single- and dual-row connectors, up to 24 fibers.	Automated tip kit for MPO/UPC and MPO/APC connectors (12-fiber row), one-hand operation. Compatible with single- and dual-row connectors, up to 24 fibers.	Automated tip for MPO-16/UPC connectors (16-fiber row), one-hand operation. Compatible with single- and dual-row connectors, up to 32 fibers.	Automated tip for MPO-16/APC connectors (16-fiber row), one-hand operation. Compatible with single- and dual-row connectors, up to 32 fibers.
Part number	FIPT-400-MF-MPOX-K	FIPT-400-NZ-MPO	FIPT-400-NZ-MPO-APC	FIPT-NZ-MPO-X	FIPT-NZ-MPO-X-APC
	Automated tip kit for MPO/UPC and MPO/APC connectors (16-fiber row), one-hand operation. Compatible with single and dual-row connectors, up to 32 fibers.	MPO/UPC replaceable nozzle for FIPT-400-MF automated tip for 12-fiber row connectors. Compatible with single- and dual-row connectors, up to 24 fibers.	MPO/APC replaceable nozzle for FIPT-400-MF automated tip for 12-fiber row connectors. Compatible with single- and dual-row connectors, up to 24 fibers.	MPO/UPC replaceable nozzle for FIPT-400-MF automated tip for 16-fiber row connectors. Compatible with single- and dual-row connectors, up to 32 fibers.	MPO/APC replaceable nozzle for FIPT-400-MF automated tip for 16-fiber row connectors. Compatible with single and dual-row connectors, up to 32 fibers
Part number	FIPT-MPO-BLK	FIPT-MPO-X-BLK	FIPT-400-MF-QODC12	FIPT-400-MF-QODC12-APC	FIPT-400-NZ-QODC12
	Specialized bulkhead adapter for patchcord inspection for 12-fiber row connectors. Compatible with single- and dual-row connectors, up to 24 fibers.	Specialized bulkhead adapter for patchcord inspection for 16-fiber row connectors. Compatible with single- and dual-row connectors, up to 32 fibers.	Automated tip for QODC-12/UPC connectors (12 fibers); one hand operation. Compatible with plug and socket connectors.	FIPT-400-MF automated tip for QODC-12/APC connectors (12 fibers); one hand operation. Compatible with plug and socket connectors.	QODC-12/UPC replaceable nozzle for FIPT-400-MF automated tip for 12-fiber row connectors. Include nozzles for plug and socket connectors.
Part number	FIPT-400-NZ-QODC12-APC	FIPT-400-MF-OTIP-APC	FIPT-400-NZ-OTIP-APC	FIPT-400-MF-MT	FIPT-400-MF-MT-APC
	QODC-12/APC replaceable nozzle for FIPT-400-MF automated tip for 12-fiber row connectors. Include nozzles for plug and socket connectors.	Automated tip for Optitip-MT®/APC and HMFOC®/APC connectors (12-24 fibers), one hand operation. Compatible with single and dual-row connectors, up to 24 fibers. Compatible with male and female connectors.	Optitip MT/APC and HMFOC®/APC replaceable nozzle for FIPT-400-MF automated tip, includes two nozzles for male and female connectors.	Automated multifiber tip for MT/UPC patchcord connectors (12 and 16-fiber row), one-hand operation. Compatible with single- and dual-row connectors.	Automated multifiber tip for MT/APC patchcord connectors (12 and 16-fiber row), one-hand operation. Compatible with single- and dual-row connectors.
Part number	FIPT-400-MF-MT-K	FIPT-400-NZ-MT	FIPT-400-NZ-MT-APC		
	Automated multifiber tip for MT/UPC and MT/APC patchcord connectors (12 and 16-fiber row), one-hand operation. Compatible with single- and dual-row connectors.	MT/UPC replaceable nozzle for FIPT-400-MF automated tip for MT/UPC patchcord connectors (12 and 16-fiber row). Compatible with single and dual-row connectors.	MT/APC replaceable nozzle for FIPT-400-MF automated tip for MT/APC patchcord connectors (12 and 16-fiber row). Compatible with single and dual-row connectors.		

* Requires the FIP-400B MF-Ready version.

Manual MPO tips (with scanning knobs), nozzle and adapters

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

Part number	FIPT-400-MTP-BLK
Description	Bulkhead adapter for MPO patchcord inspection

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-ODC4-PINP-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 adapter • 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	ODC 4 pin plug (female) guide and universal tip Kit includes: • FIPT-400-ODC-U • FIPT-400-ODC-4PIN-P

Part number	FIPT-400-ODC2-4PINP-K	FIPT-400-ODC2-PINP-K	FIPT-400-QODC-2P-K
Description	ODC 2 and 4 pin plug (female) guides and universal tip Kit includes: • FIPT-400-ODC-U • FIPT-400-ODC-2PIN-P • FIPT-400-ODC-4PIN-P	ODC 2 pin plug (female) guide and universal tip Kit includes: • FIPT-400-ODC-U • FIPT-400-ODC-2PIN-P	QODC 2 pin plug (female) and socket (male) guide and universal guided tip Kit includes: • FIPT-400-QODC-2P • FIPT-400-QODC-2P-P • FIPT-400-QODC-2P-S

Accessories for FIPTs

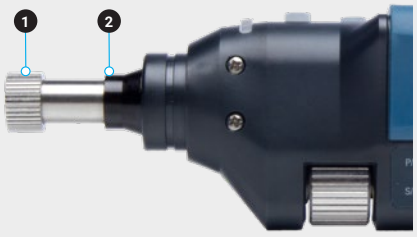
Part number	GP-3108	FIPT-BOX	FIPT-BOX-MF
Description	Compartmented soft pouch for: • FIP-400B inspection scope • Tips and accessories	Compartmented plastic case for: • Short reach tips (e.g., FIPT-400-U20M) • Long reach tips (e.g., FIPT-400-LC-L)	Compartmented plastic case for: • Automated multi-fiber tip (FIPT-400-MF-XX)

* Pass/Fail analysis not supported on ConnectorMax Mobile for smart devices.

Is my FIP-400B scope MF-Ready?

EXFO's multi-fiber solution is compatible with FIP-400B MF-Ready versions. To verify whether it is MF-Ready, check your FIP-400B for the black retaining nut and the MF-Ready engraving.

FIP-400B NON MF-READY



1 Silver retaining nut

2 No MF-READY engraving

FIP-400B MF-READY

3 Black retaining nut

4 MF-READY engraving

If your FIP-400B is not MF-Ready, contact EXFO at **isales@EXFO.com** for an upgrade.

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For the most recent patent marking information, please visit **www.EXFO.com/patent**.

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

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