






Selection Guide

Fiber Inspection Tips and Adapters

VIAVI Solutions offers a wide variety of fiber inspection tips and adapters to help you Inspect Before You Connect™ and work clean. Browse through this comprehensive guide of inspection tips and adapters, then order what you need via www.viavisolutions.com or by calling 1-844-Go VIAVI (+1-844-468-4284).

Barrel Assemblies (BAP)

Some of our FBPT Series tips require a BAP, or barrel assembly. A BAP contains a common set of optics that can be used with multiple hollow tips. This approach makes many common tips more economical. Some tips contain their own optics and do not require a BAP. Typical examples of tips containing optics are long-reach tips and tips with a 60-degree angle for hard-to-reach areas; RibbonDrive™ tips, such as those used for MPO connectors, are another example. The following pages indicate which tips require a BAP and which do not.

Catalog Part Number	Segment	Product Image	Description
FBPP-BAP1	Barrel Assemblies		Standard Barrel Assembly for FBP Series and FiberChek Probes
FBPP-BAP2	Barrel Assemblies		Extended Barrel Assembly for FBP Series and FiberChek Probes
FBPP-BAP3	Barrel Assemblies		Narrow Barrel Assembly for FBP Series and FiberChek Probes

FBPT Probe Tips

The FBPT Series probe tips attach to the **FiberChek™ Probe, FBP-P5000i**, and **FBP-P5 Fiber** Inspection Probes. They can also be connected to the **FiberChek Sidewinder** for use with simplex inspection. FBPT tips are primarily used for bulkhead inspection, but patch cord tips are also available for certain connectors.

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-E2000	E2000		E2000 Bulkhead Tip for PC and APC, 4 Degree Angle		No
FBPT-E2000-N	E2000		E2000 Bulkhead Tip for PC and APC, Large Objective Lens		No
FBPT-E2A-A6	E2000		E2000 Bulkhead Tip for PC and APC, 60 Degrees		No
FBPT-FC	FC		FC Bulkhead Tip		Yes
FBPT-FC-P	FC		FC Bulkhead Tip, Pro Version		Yes
FBPT-FC-A6	FC		FC Bulkhead Tip, 60 Degrees		No
FBPT-SCFC-A6	FC		SC/PC and FC/PC Bulkhead Tip, 60 Degrees		No
FBPT-FC-APC	FC		FC/APC Bulkhead Tip		Yes
FBPT-FCAPC-L	FC		FC/APC Bulkhead Tip, Long Reach		No
FBPT-FCA-1	FC		FC/APC Bulkhead Tip, No Front Mounting Collar		Yes

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FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-FC-A6P	FC		FC Bulkhead Tip, 60 Degrees, Pro Version		No
FBPT-LC	LC		LC Bulkhead Tip		Yes
FBPT-LC-L	LC		LC Bulkhead Tip, Long Reach (4 cm)		No
FBPT-LC-XL	LC		LC Bulkhead Tip, Extra Long Reach (7.5 cm)		No
FBPT-LC-XXL	LC		LC Bulkhead Tip, Extra Long Reach (10 cm)		No
FBPT-LC-APC	LC		LC/APC Bulkhead Tip, Long Reach (4 cm)		
FBPT-LC-APC-8	LC		LC/APC Bulkhead Tip, 8 Degrees	No	
FBPT-LC-A6S	LC		LC Bulkhead Tip, 60 Degrees, Squared Front		No
FBPT-ULC-A6	LC		LC Bulkhead Tip, 60 Degrees, PC and APC		No
					
FBPT-U12-A6	LC		LC and MU Bulkhead Tip, 60 Degrees, Round Front		No
					
FBPT-LC-L-TS	LC		LC Bulkhead Tip, Long Reach, Tyco Secure		No

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FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-LC-DC	LC		LC Daughtercard Tip		Yes
FBPT-MU	MU		MU Bulkhead Tip		Yes
FBPT-MU-L	MU		MU Bulkhead Tip, Long Reach (4.7 cm)		No
FBPT-MU-XL	MU		MU Bulkhead Tip, Extra Long Reach (8 cm)		No
FBPT-MU-APC	MU		MU/APC Bulkhead Tip		No
FBPT-MU-A6	MU		MU Bulkhead Tip, 60 Degrees		No
FBPT-U12-A6	MU		LC and MU Bulkhead Tip, 60 Degrees, Round Front		No
					
FBPT-SC	SC		SC Bulkhead Tip		Yes
FBPT-SC-L	SC		SC Bulkhead Tip, Long Reach		No
FBPT-SC-A6	SC		SC Bulkhead Tip, 60 Degrees		No

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FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-SCFC-A6	SC		SC/PC and FC/PC Bulkhead Tip, 60 Degrees		No
FBPT-SC-APC	SC		SC/APC Bulkhead Tip		Yes
FBPT-SCA-A6	SC		SC/APC Bulkhead Tip, 60 Degrees		No
FBPT-SC2	SC		SC2 Bulkhead Tip		Yes
FBPT-SC2-L	SC		SC2 Bulkhead Tip, Long Reach		No
FBPT-SC2-XL	SC		SC2 Bulkhead Tip, Extra Long Reach (8 cm)		No
FBPT-SC2-A6	SC		SC2 Bulkhead Tip, 60 Degrees		No
FBPT-SMA	SMA		SMA Bulkhead Tip		No
FBPT-SMA-P	SMA		SMA Bulkhead Tip, Pro Version		No
FBPT-SMA-A6	SMA		SMA Bulkhead Tip, 60 Degrees		No
FBPT-SMA-LM	SMA		SMA Bulkhead Tip, Large Core		No

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FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-ST	ST		ST Bulkhead Tip		Yes
FBPT-ST-L	ST		ST Bulkhead Tip, Long Reach		No
FBPT-ST-A6	ST		ST Bulkhead Tip, 60 Degrees		No
FBPT-U12M	Patch Cord		Universal 1.25mm Patch Cord Tip. For 1.25mm UPC patch cords, including LC and MU.		Yes
FBPT-U12MA-SF	Patch Cord		Universal 1.25mm APC Patch Cord Tip. For 1.25mm APC patch cords, including LC and MU.		Yes
FBPT-U25M	Patch Cord		Universal 2.5mm Patch Cord Tip. For 2.5mm UPC patch cords, including FC, SC, and ST.		Yes
FBPT-U25MA	Patch Cord		Universal 2.5mm APC Patch Cord Tip. For 2.5mm APC patch cords, including FC, SC, and ST.		Yes
FBPT-U25PL	Patch Cord		Universal 2.5mm Patch Cord Tip, Plastic Front		Yes
FBPT-U35M	Patch Cord		Universal 3.5mm Patch Cord Tip		Yes
FBPT-MTP	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, MM		No

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FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-MTP-L	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, MM, Long Reach		No
FBPT-MTP-A6	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, MM, 60 Degrees		No
FBPT-MTPA	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, SM		No
FBPT-MTPA-1	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, SM, Inverted Angle		No
FBPT-MTPA-L	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, SM, Long Reach		No
FBPT-MTPA-L-1	Ribbon		MTP/MPO Bulkhead Ribbon Drive Tip, SM, Long Reach, No Key		No
FBPT-PRIZM	Ribbon		PRIZM Ribbon Drive Tip		No
FBPT-MPX	Ribbon		MPX Bulkhead Ribbon Drive Tip		No

Fiber Inspection Tip and Adapter Selection Guide

FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-COD-L	FTTX		OptiTap Simplex Tip, Long Reach		No
FBPT-COD-A6	FTTX		OptiTap Simplex Tip, 60 Degrees		No
FBPT-DLX	FTTX		DLX Drop Terminal Tip, Simplex		No
FBPT-COD-MT	FTTX		OptiTip RibbonDrive Plug and Receptacle Tip and Guides, MM. Includes FBPT-MTOA, FBPT-MTPG, and FBPT-MTRG.		No
FBPT-COD-MTA	FTTX		OptiTip RibbonDrive Plug and Receptacle Tip and Guides, SM. Includes FBPT-MTOA, FBPT-MTAPG, and FBPT-MTARG.		No
FBPT-COD-MTOA	FTTX		OptiTip RibbonDrive Tip Only-- No Guide		No
FBPT-COD-MTPG	FTTX		OptiTip RibbonDrive Plug Guide, MM		FBPT-MTOA Only
FBPT-COD-MTRG	FTTX		OptiTip RibbonDrive Receptacle Guide, MM		FBPT-MTOA Only
FBPT-COD-MTAPG	FTTX		OptiTip RibbonDrive Plug Guide, SM		FBPT-MTOA Only
FBPT-COD-MTARG	FTTX		OptiTip RibbonDrive Receptacle Guide, SM		FBPT-MTOA Only

Fiber Inspection Tip and Adapter Selection Guide

FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-ODC-2	FTTX		ODC 2-Position Guides for Plug and Receptacle with BAP3 Barrel. Includes FBPP-BAP3, FBPT-ODC-G001, and FBPT-ODC-G002.		Includes BAP3
FBPT-ODC-4	FTTX		ODC 4-Position Guides for Plug and Receptacle with BAP3 Barrel. Includes FBPP-BAP3, FBPT-ODC-G003, and FBPT-ODC-G004.		Includes BAP3
FBPT-ODC-G001	FTTX		ODC 2-Position Plug Guide		FBPP-BAP3 Only
FBPT-ODC-G002	FTTX		ODC 2-Position Receptacle Guide		FBPP-BAP3 Only
FBPT-ODC-G003	FTTX		ODC 4-Position Plug Guide		FBPP-BAP3 Only
FBPT-ODC-G004	FTTX		ODC 4-Position Receptacle Guide		FBPP-BAP3 Only
FBPT-ODC-G101	FTTX		ODC 2-Position H+S Guide for Plug and Sockets		FBPP-BAP3 Only
FBPT-LEMO1-P	Broadcast		Lemo F2 Pins Tip		Yes
FBPT-LEMO1-S	Broadcast		Lemo F2 Sockets Tip		Yes
FBPT-BIC	Other		Biconic Bulkhead Tip		Yes

Fiber Inspection Tip and Adapter Selection Guide

FBPT Probe Tips continued

Catalog Part Number	Segment	Product Image	Description	Connector Image	Barrel Assembly Required
FBPT-CLIK	Other		CLIK Bulkhead Tip for PC and APC		No
FBPT-CS	Other		CS Bulkhead Tip		No
FBPT-D4	Other		D4 Bulkhead Tip		Yes
FBPT-LSA	Other		LSA/DIN Bulkhead Tip		No
FBPT-LX5A	Other		LX5/F3000 Bulkhead Tip		No
FBPT-MDC	Other		MDC Bulkhead Tip		No
FBPT-MTRJ-1	Other		MTRJ Bulkhead Tip		Yes
FBPT-SN	Other		SN Bulkhead Tip		No
FBPT-TOSA-1	Other		TOSA/ROSA 1.25mm Tip		Yes
FBPT-TOSA-2	Other		TOSA/ROSA 1.25mm Tip, Slip Grip		Yes
FBPT-URM	Other		URM Bulkhead Tip		No
FBPT-URMA	Other		URM APC Bulkhead Tip		No

Fiber Inspection Tip and Adapter Selection Guide









FCPT Tips

The FCPT Series probe tips attach to the **FiberChek Sidewinder™** Inspection Probe for inspecting multi-fiber connectors. In addition to accepting various FCPT series tips, the FCPT-UFBPT adapter allows certain FBPT series tips to be used with the Sidewinder.

Catalog Part Number	Product Image	Description	Connector Image	Optical Assembly Required
FCPT-MT-COUPLER		MT Ferrule Patch Cord Adapter for Sidewinder		No
FCPT-MT-DC		MT Daughtercard Sidewinder Tip, MM		FCPP-OLA-1
FCPT-MTA-DC		MT APC Daughtercard Sidewinder Tip, SM		FCPP-OLA-1
FCPT-MTP		MTP/MPO Sidewinder Tip, MM		FCPP-OLA-1
FCPT-MTPA		MTP/MPO Sidewinder Tip, SM		FCPP-OLA-1
FCPT-MTPA-1		MTP/MPO Sidewinder Tip, SM - No Key		FCPP-OLA-1
FCPT-COD-MT-P		OptiTip Plug Sidewinder Tip, MM		FCPP-OLA-1
FCPT-COD-MT-R		OptiTip Receptacle Sidewinder Tip, MM		FCPP-OLA-1
FCPT-COD-MTA-P		OptiTip Plug Sidewinder Tip, SM		FCPP-OLA-1
FCPT-COD-MTA-R		OptiTip Receptacle Sidewinder Tip, SM		FCPP-OLA-1
FCPT-MTP-L		MTP/MPO Sidewinder Tip, MM, Long Reach		FCPP-OLA-2
FCPT-MTPA-L		MTP/MPO Sidewinder Tip, SM, Long Reach		FCPP-OLA-2

Fiber Inspection Tip and Adapter Selection Guide

FCPT Tips continued

Catalog Part Number	Product Image	Description	Connector Image	Optical Assembly Required
FCPT-MTP-COUPLER		MTP/MPO Patch Cord Adapter for Sidewinder Tips		No
FCPT-ODC12-P		ODC-12 Plug Sidewinder Tip, MM		FCPP-OLA-1
FCPT-ODC12-S		ODC-12 Socket Sidewinder Tip, MM		FCPP-OLA-1
FCPT-ODC12A-P		ODC-12 Plug Sidewinder Tip, SM		FCPP-OLA-1
FCPT-ODC12A-S		ODC-12 Socket Sidewinder Tip, SM		FCPP-OLA-1
FCPT-UFBPT		Simplex FBPT Tip Adapter for Sidewinder		No
FCPP-OLA-1		Standard Optical Assembly for Sidewinder		No
FCPP-OLA-2		Long-Reach Optical Assembly for Sidewinder		No

Fiber Inspection Tip and Adapter Selection Guide














FMA Adapters

FMA Series adapters are designed for patch cord inspection. These adapters connect to the **FVDi Bench-top Microscopes**, and can also be attached to the **FiberChek™ Probe, FBP-P5000i**, and **FBP-P5** by using the **FBPT-UFMA**, together with an **FBPP-BAP1** adapter. FMA Series adapters are all male-threaded.

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMA-E2A	E2000		E2000 APC Adapter	
FMA-FCPC	FC		FC Adapter	
FMA-FC-APC	FC		FC/APC Adapter	
FMA-LC	LC		LC Simplex Adapter	
FMA-LC-2X	LC		LC Duplex Adapter	
FMA-LC-APC	LC		LC/APC Simplex Adapter	
FMA-LCA-2X	LC		LC/APC Duplex Adapter	
FMA-MU	MU		MU Adapter	
FMA-SC	SC		SC Adapter	
FMA-SC-APC	SC		SC/APC Adapter	

Fiber Inspection Tip and Adapter Selection Guide

FMA Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMA-SMA	SMA		SMA Adapter	
FMA-ST	ST		ST Adapter	
FMA-U12	Universal		Universal 1.25mm Adapter	
FMA-UA12-P	Universal		Universal 1.25mm APC Adapter	
FMA-U25	Universal		Universal 2.5mm Adapter	
FMA-U25-SF	Universal		Universal 2.5mm Adapter, Slip Fit	
FMA-UAPC	Universal		Universal 2.5mm APC Adapter	
FMA-U381	Universal		Universal 3.81mm Adapter	
FMA-MTP	Ribbon		MTP/MPO RibbonDrive Adapter, MM	
FMA-MTPA	Ribbon		MTP/MPO RibbonDrive Adapter, SM	

Fiber Inspection Tip and Adapter Selection Guide

FMA Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMA-MT	Ribbon		MT Ferrule RibbonDrive Adapter, MM	
FMA-MTA	Ribbon		MT Ferrule RibbonDrive Adapter, SM	
FMA-MPX	Ribbon		MPX RibbonDrive Adapter	
FMA-RFC1	Ribbon		Bare Fiber RibbonDrive Adapter	
FMA-COD	FTTX		OptiTap Simplex Plug Adapter	
FMA-COD-MT-P	FTTX		OptiTip RibbonDrive Plug Adapter, MM	
FMA-COD-MTA-P	FTTX		OptiTip RibbonDrive Plug Adapter, SM	
FMA-LEMO1	Broadcast		Lemo F2 Termini Adapter	
FBPT-UFMA			Universal Flare Adapter for FMA adapters. Requires Barrel Assembly	

Fiber Inspection Tip and Adapter Selection Guide


FMA Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMA-BIC	Other		Biconic Adapter	
FMA-D4	Other		D4 Adapter	
FMA-MTRJ-1	Other		MTRJ Adapter, Simple Type	
FMA-MTRJ-2	Other		MTRJ RibbonDrive Adapter	
FMA-MMT-2	Other		Mini-MT Ferrule RibbonDrive Adapter	
FMA-URM	Other		URM Adapter	
FMA-URMA	Other		URM APC Adapter	

Fiber Inspection Tip and Adapter Selection Guide

FMAE Adapters

FMAE Series adapters are used for patch cord inspection. These adapters connect to the **FVA**, **FVAi-2200(-L)**, **FVAi-2400(-L)**, and the Patch Cord Microscope on the **SmartClass Fiber Series**. They can also be connected to any VIAVI probe microscope by using the FBPT-UFMAE, together with an FBPP-BAP1 adapter. FMAE Series adapters are all female-threaded.

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAE-LC	LC		LC Simplex Adapter	
FMAE-LC-2X	LC		LC Duplex Adapter	
FMAE-LCA	LC		LC/APC Simplex Adapter	
FMAE-SC	SC		SC Adapter	
FMAE-SC-DUX	SC		SC Duplex Adapter	
FMAE-SCA	SC		SC/APC Adapter	
FMAE-U12	Universal		Universal 1.25mm Adapter	
FMAE-U25	Universal		Universal 2.5mm Adapter	

Fiber Inspection Tip and Adapter Selection Guid

FMAE Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAE-UAPC	Universal		Universal 2.5mm APC Adapter	
FMAE-MTP	Ribbon		MTP/MPO RibbonDrive Adapter, MM	
FMAE-MTPA	Ribbon		MTP/MPO RibbonDrive Adapter, SM	
FMAE-MPX	Ribbon		MPX RibbonDrive Adapter	
FMAE-MTRJ-4	Other		MTRJ RibbonDrive Adapter	
FBPT-UFMAE			Universal Flare Adapter for FMAE adapters. Requires Barrel Assembly	

Fiber Inspection Tip and Adapter Selection Guide

FMAX Adapters

FMAX Series adapters the next generation of adapters directed for patch cord inspection and are highly recommended for new deployments and projects. These adapters connect to the **FVA**, **FVAi**, and the Patch Cord Microscope on the **SmartClass Fiber Series**. These are the only adapters recommended for the **FVAi-2080**. They can also be connected to the **FiberChek™ Probe**, **FBP-P5000i**, and **FBP-P5** by using the FBPT-UFMAE, together with an FBPP-BAP1 adapter. FMAX Series adapters are all female-threaded.

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-LC	LC		LC Simplex Adapter	
FMAX-LC-DUX	LC		LC Duplex Adapter	
FMAX-LCA-DUX	LC		LC/APC Duplex Adapter	
FMAX-LCA	LC		LC/APC Simplex Adapter	
FMAX-SC	SC		SC Adapter	
FMAX-SC-DUX	SC		SC Duplex Adapter	
FMAX-SCA	SC		SC/APC Adapter	
FMAX-SC2	SC		SC2 Adapter	
FMAX-SCA2	SC		SC2/APC Adapter	
FMAX-U12	Universal		Universal 1.25mm Adapter	

Fiber Inspection Tip and Adapter Selection Guide

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-U12A	Universal		Universal 1.25mm APC Adapter	
FMAX-U25	Universal		Universal 2.5mm Adapter	
FMAX-U25A	Universal		Universal 2.5mm APC Adapter	
FMAX-MTP	Ribbon		MTP/MPO RibbonDrive Adapter, MM	
FMAX-MTPA	Ribbon		MTP/MPO RibbonDrive Adapter, SM	
FMAX-MTPA-1	Ribbon		MTP/MPO RibbonDrive Adapter, SM, Dual-Keyed	
FMAX-MT	Ribbon		MT Ferrule Ribbon Drive Adapter, MM	
FMAX-MTA	Ribbon		MT Ferrule Ribbon Drive Adapter, SM	
FMAX-COD	FTTX		OptiTap Simplex Plug Adapter	

Fiber Inspection Tip and Adapter Selection Guide

FMAG Adapters

FMAG Series adapters are designed for patch cord inspection. They connect to the **FVAm** Bench-top Microscope. FMAG Series adapters utilize a magnetic connection so operators can quickly switch adapter types and ensure precision alignment. Each FMAG series adapter has the capability to inspect both PC and PAC connectors by simply pressing the green (APC) or Blue (PC) color coded indicator.

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAG-MPO	Ribbon		MTP/MPO Adapter, MM/SM, PC/APC	
FMAG-MPO-1	Ribbon		MTP/MPO Adapter, MM/SM, PC/APC, Inverted Key	
FMAG-MT	Ribbon		MT Ferrule Adapter, MM/SM, PC/APC	
FMAG-QSFP	Ribbon		QSFP Adapter, MM/SM, PC/APC	
FMAG-U25	Universal		Universal 2.5mm Adapter, MM/SM, PC/APC	
FMAG-SC	SC		SC Adapter, MM/SM, PC/APC	
FMAG-U12	Universal		Universal 1.25mm Adapter, MM/SM, PC/APC	
FMAG-LC	LC		LC Adapter, SM/MM, PC/APC	

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