

Benchtop Inspection Adapters

March 2025

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

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Key Terms

Tip/Adapter Series	Description	Supported Devices
FMA	Inspection Adapter	FVDi Series Benchtop
FMAX	Inspection Adapter	FVAi Series Benchtop SmartClass Fiber PCM*
FMAG	Inspection Adapter	FVAM-1000 Series Benchtop
FMBT	Inspection Adapter	FVAM-2000 Series Benchtop

* PCM = Patch Cord Microscope

FMA Adapters

FMA Series adapters are designed for patch cord inspection. These adapters connect to the [FV Bench-top Microscopes](#), and can also be attached to the **FiberChek™** and **FBP-P5000i** 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/PC Adapter	
FMA-FC-APC	FC		FC/APC Adapter	
FMA-LC	LC		LC/PC Simplex Adapter	
FMA-LC-2X	LC		LC/PC Duplex Adapter	
FMA-LC-APC	LC		LC/APC Simplex Adapter	
FMA-LCA-2X	LC		LC/APC Duplex Adapter	
FMA-SC	SC		SC/PC Adapter	

FMA Adapters continued

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

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-MIL1	Other		Mil 29504-14-15 Termini Male Adapter	
FMA-MIL2	Other		Mil 29504-4-5 Termini Male Adapter	
FMA-COD	FTTX		OptiTap Simplex Plug Adapter	
FMA-COD-MTA-P	FTTX		OptiTip RibbonDrive Plug Adapter, SM	
FMA-BIC	Other		Biconic Adapter	
FMA-CS	Other		CS/PC Adapter	

FMA Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMA-D4	Other		D4 Adapter	
FMA-MTRJ-1	Other		MTRJ Adapter, Simple Type	
FMA-URM	Other		URM Adapter	
FMA-URMA	Other		URM APC Adapter	

FMAX Adapters

FMAX Series adapters are the next generation of adapters directed for patch cord inspection and are highly recommended for new deployments and projects. These adapters connect to the [FV Benchtop Microscopes](#) and the Patch Cord Microscope on the **SmartClass Fiber Series**. These are the only adapters recommended for the **FVA series microscopes (2030 and 2400)**. Note: FMAX "SL Series" adapters are optimized for use with the FVAi-2030.

They can also be connected to the **FiberChek™ Probe** and **FBP-P5000i** by using the FBPT-UFMAE, together with an FBPP-BAP1. FMAX Series adapters are all female-threaded.

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-CA1	Other		Coupling Adapter Converts FMA Adapters to FMAX	
FMAX-LC-SL35	LC		LC/PC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-LCA-SL35	LC		LC/APC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-LC-DUX-SL35	LC		LC/PC Duplex Sliding Adapter SL Series: 35-Degree Chamfer	
FMAX-LCA-DUX-SL35	LC		LC/APC Duplex Sliding Adapter SL Series: 35-Degree Chamfer	
FMAX-LC-2X-SL35	LC		LC/PC Duplex Stationary Adapter SL Series: 35-Degree Chamfer	
FMAX-LC	LC		LC/PC Simplex Adapter	

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-LC-DUX	LC		LC/PC Duplex Adapter	
FMAX-LCA-DUX	LC		LC/APC Duplex Adapter	
FMAX-LCA	LC		LC/APC Simplex Adapter	
FMAX-LC-2X	LC		LC/PC Duplex stationery Adapter	
FMAX-LC-2X-MINI	LC		LC/PC Duplex Mini Stationery Adapter	
FMAX-SC-SL30	SC		SC/PC Simplex Adapter SL Series: 30-Degree Chamfer	
FMAX-SCA-SL30	SC		SC/APC Simplex Adapter SL Series: 30-Degree Chamfer	
FMAX-SCA-SL41	SC		SC/APC Simplex Adapter SL Series: 41-Degree Chamfer	

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-SC-DUX-SL30	SC		SC/PC Duplex Adapter SL Series: 30-Degree Chamfer	
FMAX-SC2-SL30	SC		SC2/PC Simplex Adapter SL Series: 30-Degree Chamfer	
FMAX-SCA2-SL30	SC		SC2/APC Simplex Adapter SL Series: 30-Degree Chamfer	
FMAX-SCA2-SL41	SC		SC2/APC Simplex Adapter SL Series: 41-Degree Chamfer	
FMAX-SC	SC		SC/PC Adapter	
FMAX-SC-DUX	SC		SC/PC Duplex Adapter	
FMAX-SCA	SC		SC/APC Adapter	
FMAX-SC2	SC		SC2/PC Adapter	
FMAX-SCA2	SC		SC2/APC Adapter	

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-U12-SL35	Universal		Universal 1.25 mm PC Adapter	
FMAX-U12A-SL35	Universal		Universal 1.25 mm APC Adapter SL Series: 35-Degree Chamfer	
FMAX-U25-SL30	Universal		Universal 2.5 mm PC Adapter SL Series: 30-Degree Chamfer	
FMAX-U25A-SL30	Universal		Universal 2.5 mm APC Adapter SL Series: 30-Degree Chamfer	
FMAX-U25A-SL41	Universal		Universal 2.5 mm APC Adapter SL Series: 41-Degree Chamfer	
FMAX-U12	Universal		Universal 1.25 mm PC Adapter	
FMAX-U12A	Universal		Universal 1.25 mm APC Adapter	
FMAX-U25	Universal		Universal 2.5 mm PC Adapter	
FMAX-U25A	Universal		Universal 2.5 mm APC Adapter	
FMAX-MTP	Ribbon		MTP/MPO RibbonDrive Adapter, MM	

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
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-MMCA	Other		MMC Female Adapter	
FMAX-SN-MTA	Other		Universal SN MT adapter	
FMAX-TMTA	Other		TMT/APC Female Adapter	
FMAX-COD	FTTX		OptiTap Simplex Plug Adapter	
FMAX-COD-TH	FTTX		OptiTap Top-Half Female Adapter	

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-COD-MTA-P	FTTX		OptiTip and HMFOC Female Adapter	
FMAX-DLX	FTTX		DLX Adapter	
FMAX-CS-SL35	Other		CS/PC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-CS-APC-SL35	Other		CS/APC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-SN-SL35	Other		SN/PC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-SN-APC-SL35	Other		SN/APC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-SN-BTW1-SL35	Other		SN Junior Female Adapter SL Series: 35-Degree Chamfer	
FMAX-SN-BTW2-SL35	Other		SN Compact Female Duplex Adapter SL Series: 35-Degree Chamfer	

FMAX Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-MDC-SL35	Other		MDC/PC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-MDC-APC-SL35	Other		MDC/APC Simplex Adapter SL Series: 35-Degree Chamfer	
FMAX-MDC-SL35	Other		MDC/APC Jr Simplex Adapter SL Series: 35-Degree Chamfer	
MAX-MDC-APC-JR	Other		MDC/APC Jr Adapter Female	
FMAX-CS	Other		CS/PC Adapter	
FMAX-CS-APC	Other		CS/APC Adapter	
FMAX-E2A	Other		E2000/APC Adapter	
FMAX-MDC	Other		MDC/PC Adapter	

FMAX Adapters continued

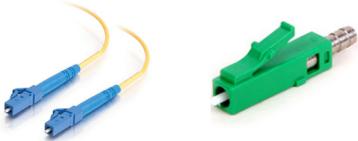
Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-MDC-APC	Other		MDC/APC Adapter	
FMAX-SN	Other		SN/PC Adapter	
FMAX-SN-APC	Other		SN/APC Adapter	
FMAX-SN-BTW1	Other		SN Junior Female Adapter	
FMAX-SN-BTW2	Other		SN Compact Female Adapter	
FMAX-IP16-SN	Other		IP-16 Plug Advanced Fiber Microscope Adapter Female	
FMAX-AC951	Other		AC951 Universal Clamshell Adapter Female	
FMAX-AC951A	Other		AC951 Universal Clamshell APC Adapter Female	

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 APC 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-OSFP	Ribbon		OSFP 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 Adapters continued

Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAG-LC	LC		LC Adapter, SM/MM, PC/APC	
FMAG-MMC	Other		MMC Adapter, SM/MM, PC/APC	
FMAG-TMT	Other		TMT Adapter, SM/MM, PC/APC	
FMAG-AC951	Other		AC951 Universal Clamshell Magnetic Adapter, SM/MM, PC/APC	

FMAG Adapters

FMBT Adapters

FMBT Series adapters are designed for bulkhead and patchcords (using a mating sleeve) inspection. They connect to the [FVAM-2000 Benchtop Microscope](#). FMBT Series adapters include AutoID capability, which enable them to communicate directly to the FVAM-2000 microscope to automatically configure the microscope with the specific Optical Settings and other information.

Catalog Part Number	Product Image	Description
FMBT-LC-D		LC/PC Duplex Bulkhead Advanced Fiber Microscope Adapter
FMBT-LC-A6-D		LC/PC Duplex Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees
FMBT-LC		LC/PC Simplex Bulkhead Advanced Fiber Microscope Adapter
FMBT-LC-A		LC/APC Simplex Bulkhead Advanced Fiber Microscope Adapter
FMBT-LC-A6		LC/PC Simplex Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees
FMBT-LC-A-A6		LC/APC Simplex Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees
FMBT-MPO-R9		MPO/PC Bulkhead Advanced Fiber Microscope Adapter rotated 90 degrees

FMAG Adapters continued

Catalog Part Number	Product Image	Description
FMBT-MPO-A-R9		MPO/APC Bulkhead Advanced Fiber Microscope Adapter rotated 90 degrees
FMBT-MPO		MPO/PC Bulkhead Advanced Fiber Microscope Adapter
FMBT-MPO-A		MPO/APC Bulkhead Advanced Fiber Microscope Adapter
FMBT-MPO-A6		MPO/PC Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees
FMBT-MPO-A-A6-D		MPO/APC Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees key down
FMBT-MPO-A-A6-U		MPO/APC Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees key up
FMBT-MPO-A-A6-K		MPO/APC Bulkhead Advanced Fiber Microscope Adapter angled 60 degrees Keyless
FMBT-MPO-A-K		MPO/APC Bulkhead Advanced Fiber Microscope Adapter Keyless

FMAG Adapters continued

Catalog Part Number	Product Image	Description
FMBT-MPO-D-C		MPO/PC Patch cord Advanced Fiber Microscope Adapter. Suitable for Duplex MPOs with 9.4mm Pitch
FMBT-MPO-COUPLER		MPO Bulkhead Advanced Fiber Microscope Coupler



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