

Selection Guide

VIAVI

Inspection, Cleaning and Test Solutions for MMC Connectors and TMT Ferrule Technology

As next generation connectivity solutions emerge, VIAVI Solutions is focused on providing optical manufacturers with the adapters required to leverage our award-winning Inspection, Cleaning and Performance Test Solutions. With the launch of the MMC connector with TMT ferrule technology, VIAVI is pleased to add the following new versions to its line up of over 140 adapters.



MMC Connector



TMT Ferrule

MMC and TMT images courtesy of USCONEC

Fiber Inspection

Award-winning high-resolution patch-cord microscopes for IEC certification and large field of view versions for cleaning verification

The [FVAi/FVDi series](#) microscopes provide an autonomous benchtop solution with auto-focus, pass/fail image analysis, and on-board storage.



Dedicated FMAX series adapters enable inspection with the FVAi series.



FMAX-MMCA:
Inspection Adaptor
for MMC



FMAX-TMTA:
Inspection Adaptor
for TMT Ferrule

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Contact the professionals at **Fiber Optic Center** for a quote or to get more details.

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Fiber Cleaning

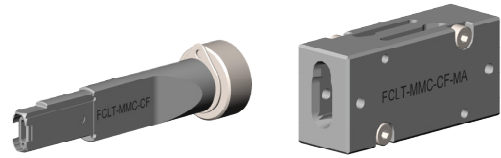
Streamline cleaning workflows and ensure clean fiber end faces with the next generation CleanBlastPRO.

The [CleanBlastPRO](#) is an automated cleaning system that ensures clean fiber end faces with reliable, repeatable and fast results at the push of a button.



CleanBlastPRO end face cleaning system

Dedicated FCLT series tips for use with the CleanBlastPRO cleaning system.



FCLT-MMC-CF:
Contact free MMC
cleaning tip

FCLT-MMC-CF-MA:
Mating adaptor for
FCLT-MMC-CF

Fiber Performance Testing

The award-winning MAP-Series platform provides manufacturers with a scalable solution that can be flexibly adapted to all connector types and process workflows.

The [PCT Test Solution](#) consists of a powerful family of modules, software and peripherals for testing IL, RL, physical length, and polarity.



MAP-380 with PCT Test System

AC Detector Adaptors enable testing with the MAP series Optical Power Meters, Insertion Loss/Return Loss Meters and Swept Wavelength system.



AC941:
Patchcord testing
MMC Adaptor

AC943:
Patchcord testing
TMT Ferrule Adaptor

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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-LC-DUX	LC		LC/PC Duplex Adapter	

FMAX Adapters

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Catalog Part Number	Segment	Product Image	Description	Connector Image
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-SC-DUX-SL30	SC		SC/PC Duplex Adapter SL Series: 30-Degree Chamfer	

FMAX Adapters

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Catalog Part Number	Segment	Product Image	Description	Connector Image
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-U12-SL35	Universal		Universal 1.25mm PC Adapter	
FMAX-U12A-SL35	Universal		Universal 1.25mm APC Adapter SL Series: 35-Degree Chamfer	

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Catalog Part Number	Segment	Product Image	Description	Connector Image
FMAX-U25-SL30	Universal		Universal 2.5mm PC Adapter SL Series: 30-Degree Chamfer	
FMAX-U25A-SL30	Universal		Universal 2.5mm APC Adapter SL Series: 30-Degree Chamfer	
FMAX-U25A-SL41	Universal		Universal 2.5mm APC Adapter SL Series: 41-Degree Chamfer	
FMAX-U12	Universal		Universal 1.25mm PC Adapter	
FMAX-U12A	Universal		Universal 1.25mm APC Adapter	
FMAX-U25	Universal		Universal 2.5mm PC 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	

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Catalog Part Number	Segment	Product Image	Description	Connector Image
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	<small>NEW</small> 	Universal SN MT adapter	
FMAX-TMTA	Other		TMT/APC Female Adapter	
FMAX-COD	FTTX		OptiTap Simplex Plug Adapter	
FMAX-COD-MTA-P	FTTX		OptiTip and HMFOC Female Adapter	
FMAX-DLX	FTTX		DLX Adapter	

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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 BTW1 female adapter SL Series: 35-Degree Chamfer	
FMAX-SN-BTW2-SL35	Other		SN BTW2 Female Duplex Adapter SL Series: 35-Degree Chamfer	
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	

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FMAX-MDC-SL35	Other		MDC/APC Jr Simplex Adapter SL Series: 35-Degree Chamfer	
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-MDC-APC	Other		MDC/APC Adapter	
FMAX-SN	Other		SN/PC Adapter	
FMAX-SN-APC	Other		SN/APC Adapter	
FMAX-SN-BTW1	Other		SN BTW1 Female Adapter	
FMAX-SN-BTW2	Other		SN BTW2 Female Adapter	

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