

Benchtop Inspection Adapters

December 2024

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 Ribbon Drive Adapter, MM | |
| FMA-MTA | Ribbon |  | MT Ferrule Ribbon Drive 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 Ribbon Drive 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 Ribbon Drive Adapter, SM |  |
| FMAX-MTPA-1 | Ribbon |  | MTP/MPO Ribbon Drive 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 BTW1 female adapter SL Series: 35-Degree Chamfer | |
| FMAX-SN-BTW2-SL35 | Other |  | SN BTW2 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 BTW1 Female Adapter | |
| FMAX-SN-BTW2 | Other |  | SN BTW2 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

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 | |

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-A-D |  | LC/APC 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 |

FMAG Adapters continued

| Catalog Part Number | Product Image | Description |
|---------------------|---|---|
| FMBT-MPO-R9 |  | MPO/PC Bulkhead Advanced Fiber Microscope Adapter rotated 90 degrees |
| 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 |



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