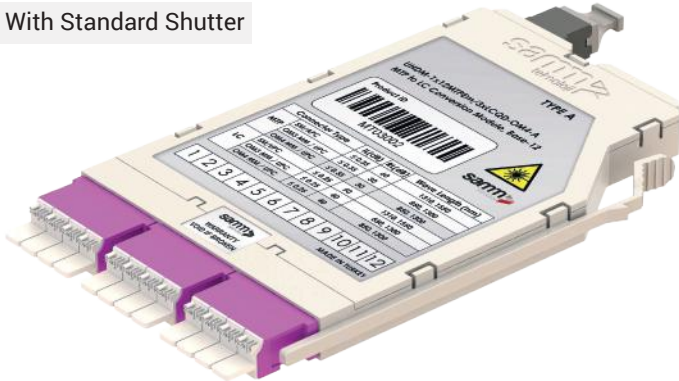


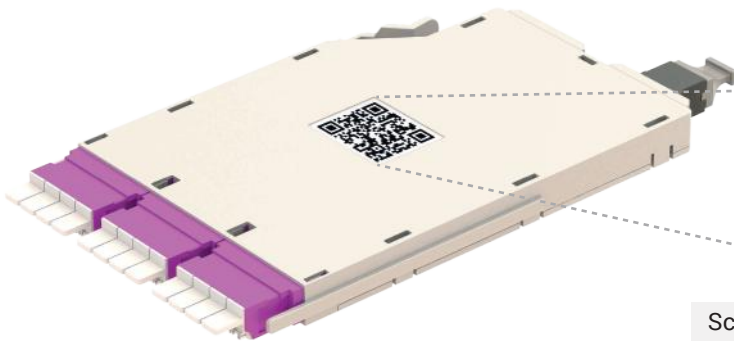
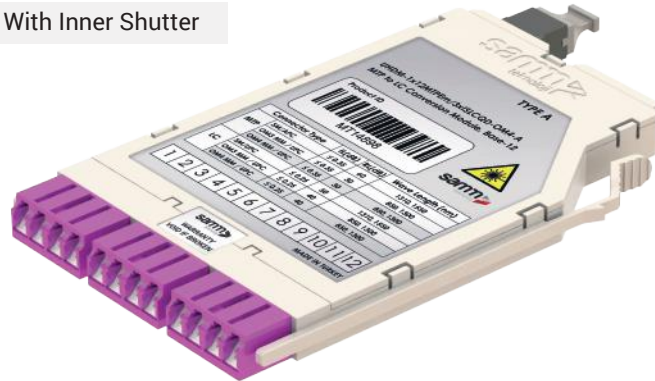
UHD MTP-LC Conversion Modules Base-8 / Base-12

This ultra high-density MTP-LC conversion module is ideal for plug-and-play systems. The module hosts 8 or 12 LC adapters in the front and 1 MTP adapter in the back, with the optical circuit that interconnects the front and back adapters. This module has a thin design and a 1U panel can fit 12 modules in it.

With Standard Shutter



With Inner Shutter



Scan QR code to open a product's test report

Applications

- Entrance facility
- Data center
- Telecommunications room
- Cellular tower base station
- Consolidation point
- Central office
- Equipment room

Key Features and Benefits

- Front and rear installation options on panel rail guides
- Sliding mechanism allows modules to snap into position for quick and easy, tool-less mounting
- High-density: up to 144 fibers in a 1U rack space
- Safety lock design against movement when installed
- Port numbering on the label
- Robust and Strong design
- Complete optical testing

Technical Specifications

Plastic module materials	PC/ABS Blend, Light Grey
Flammability rate	UL94-V0
RoHS	Compliant
Operating temperature	-20°C to +60°C
Storage temperature	-25°C to +70°C

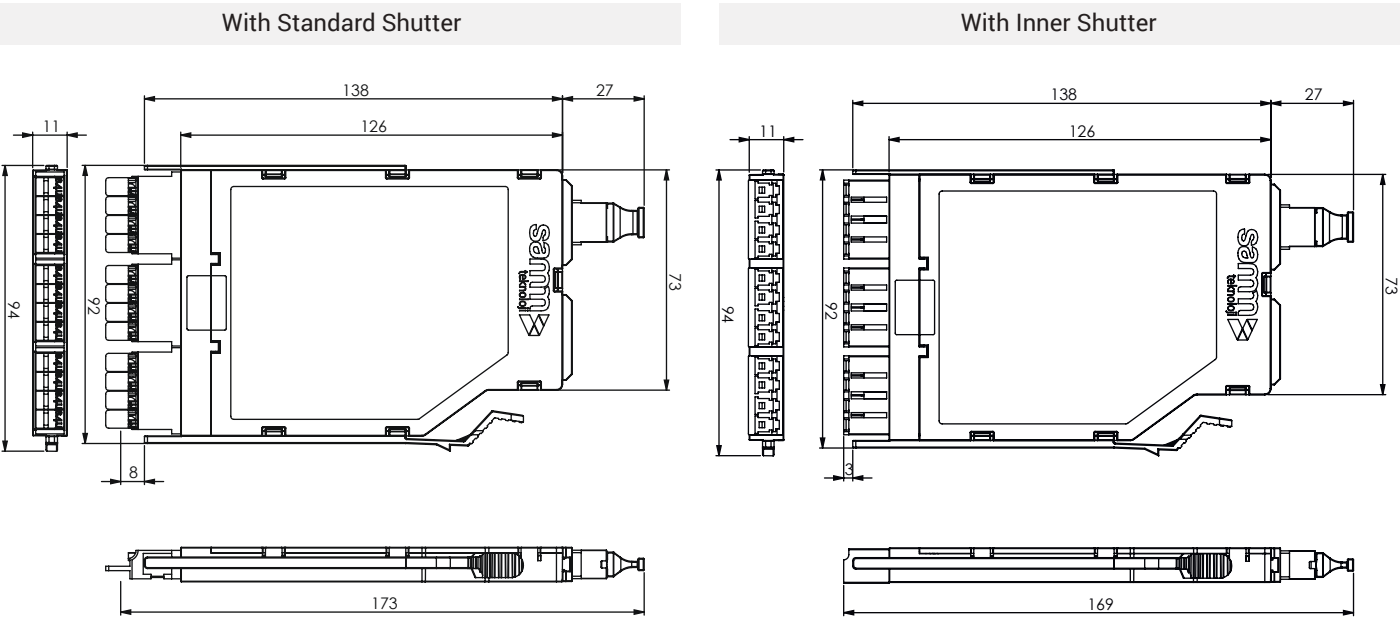
Optical Performance

Connector Type		IL(dB)	RL(dB)	Wave Length (nm)
MTP	SM/APC	≤ 0.35	60	1310, 1550
	OM3 MM / UPC	≤ 0.35	30	850, 1300
	OM4 MM / UPC	≤ 0.35	30	850, 1300
LC	SM/UPC	≤ 0.25	50	1310, 1550
	OM3 MM / UPC	≤ 0.25	40	850, 1300
	OM4 MM / UPC	≤ 0.25	40	850, 1300

Certification And Compliance

ANSI/TIA-942-A Telecommunications Infrastructure Standard for Data Centers ANSI/TIA-568-C.3 Optical Fiber Cabling Components Standard	IEC 60874-1 Connectors for Optical Fibers and Cables; Generic Standard IEC 61300 Fiber Optic Interconnecting Devices and Passive Components; Basic Test and Measurement Procedures
TIA-604 series Fiber Optic Connector Intermateability Standard	IEC 60874-1 Connectors for Optical Fibers and Cables; Generic Standard
TIA-455 series Standard Test Procedure for Fiber Optic Components	UL 94 Tests for Flammability of Plastic Materials for Parts in Devices and Appliances
GR-326-CORE Generic Requirements for Single Mode Optical Connectors and Jumper Assemblies	RoHS Directive on Restriction of Hazardous Substances

Dimensions



Unit: mm



MTP-LC Conversion Modules - With Standard Shutter

*(Please choose the right polarity wiring and fiber type - QR Code)

MTP Type	Single-Mode / OS2	Multi-Mode / OM3	Multi-Mode / OM4
Base-12			
Base-8			

Web Code	Fiber Type-Count	Ordering Code	Description	Polarity
MT03000	SM/OS2 - 12	UHDM-1x12MTPEm/3xLCQD-OS2-A	OS2 MTP to LC Conversion Module , Base-12, Front 3x LC	Type A
MT03003	SM/OS2 - 12	UHDM-1x12MTPEm/3xLCQD-OS2-AF	Quad One Body Adapter Blue, Rear Pinned (Male)	Type AF
MT03006	SM/OS2 - 12	UHDM-1x12MTPEm/3xLCQD-OS2-B	1x MTP12 and 1xMTP Adapter Black	Type B
MT03001	MM/OM3 - 12	UHDM-1x12MTPEm/3xLCQD-OM3-A	OM3 MTP to LC Conversion Module , Base-12, Front 3x LC	Type A
MT03004	MM/OM3 - 12	UHDM-1x12MTPEm/3xLCQD-OM3-AF	Quad One Body Adapter Aqua, Rear Pinned (Male)	Type AF
MT03007	MM/OM3 - 12	UHDM-1x12MTPEm/3xLCQD-OM3-B	1x MTP12 and 1xMTP Adapter Black	Type B
MT03002	MM/OM4 - 12	UHDM-1x12MTPEm/3xLCQD-OM4-A	OM4 MTP to LC Conversion Module , Base-12, Front 3x LC	Type A
MT03005	MM/OM4 - 12	UHDM-1x12MTPEm/3xLCQD-OM4-AF	Quad One Body Adapter Violet, Rear Pinned (Male)	Type AF
MT03008	MM/OM4 - 12	UHDM-1x12MTPEm/3xLCQD-OM4-B	1x MTP12 and 1xMTP Adapter Black	Type B
MT03009	SM/OS2 - 8	UHDM-1x8MTPEm/2xLCQD-OS2-A	OS2 MTP to LC Conversion Module , Base-8, Front 2x LC	Type A
MT03012	SM/OS2 - 8	UHDM-1x8MTPEm/2xLCQD-OS2-AF	Quad One Body Adapter Blue, Rear Pinned (Male)	Type AF
MT03015	SM/OS2 - 8	UHDM-1x8MTPEm/2xLCQD-OS2-B	1x MTP12 and 1xMTP Adapter Black	Type B
MT03010	MM/OM3 - 8	UHDM-1x8MTPEm/2xLCQD-OM3-A	OM3 MTP to LC Conversion Module , Base-8, Front 2x LC	Type A
MT03013	MM/OM3 - 8	UHDM-1x8MTPEm/2xLCQD-OM3-AF	Quad One Body Adapter Aqua, Rear Pinned (Male)	Type AF
MT03016	MM/OM3 - 8	UHDM-1x8MTPEm/2xLCQD-OM3-B	1x MTP12 and 1xMTP Adapter Black	Type B
MT03011	MM/OM4 - 8	UHDM-1x8MTPEm/2xLCQD-OM4-A	OM4 MTP to LC Conversion Module , Base-8, Front 2x LC	Type A
MT03014	MM/OM4 - 8	UHDM-1x8MTPEm/2xLCQD-OM4-AF	Quad One Body Adapter Violet, Rear Pinned (Male)	Type AF
MT03017	MM/OM4 - 8	UHDM-1x8MTPEm/2xLCQD-OM4-B	1x MTP12 and 1xMTP Adapter Black	Type B

MTP-LC Conversion Modules - With Inner Shutter

*(Please choose the right polarity wiring and fiber type - QR Code)

MTP Type	Single-Mode / OS2	Multi-Mode / OM3	Multi-Mode / OM4
Base-12			
Base-8			

Web Code	Fiber Type-Count	Ordering Code	Description	Polarity
MT14901	SM/OS2 - 12	UHDM-1x12MTPEm/3xISLCQD-OS2-A	OS2 MTP to LC Conversion Module , Base-12, Front 3x LC	Type A
MT14902	SM/OS2 - 12	UHDM-1x12MTPEm/3xISLCQD-OS2-AF	Quad Inner Shutter One Body Adapter Blue, Rear Pinned	Type AF
MT14903	SM/OS2 - 12	UHDM-1x12MTPEm/3xISLCQD-OS2-B	(Male) 1x MTP12 and 1xMTP Adapter Black	Type B
MT14895	MM/OM3 - 12	UHDM-1x12MTPEm/3xISLCQD-OM3-A	OM3 MTP to LC Conversion Module , Base-12, Front 3x LC	Type A
MT14896	MM/OM3 - 12	UHDM-1x12MTPEm/3xISLCQD-OM3-AF	Quad Inner Shutter One Body Adapter Aqua, Rear Pinned	Type AF
MT14897	MM/OM3 - 12	UHDM-1x12MTPEm/3xISLCQD-OM3-B	(Male) 1x MTP12 and 1xMTP Adapter Black	Type B
MT14898	MM/OM4 - 12	UHDM-1x12MTPEm/3xISLCQD-OM4-A	OM4 MTP to LC Conversion Module , Base-12, Front 3x LC	Type A
MT14899	MM/OM4 - 12	UHDM-1x12MTPEm/3xISLCQD-OM4-AF	Quad Inner Shutter One Body Adapter Violet, Rear Pinned	Type AF
MT14900	MM/OM4 - 12	UHDM-1x12MTPEm/3xISLCQD-OM4-B	(Male) 1x MTP12 and 1xMTP Adapter Black	Type B
MT14910	SM/OS2 - 8	UHDM-1x8MTPEm/2xISLCQD-OS2-A	OS2 MTP to LC Conversion Module , Base-8, Front 2x LC	Type A
MT14911	SM/OS2 - 8	UHDM-1x8MTPEm/2xISLCQD-OS2-AF	Quad Inner Shutter One Body Adapter Blue, Rear Pinned	Type AF
MT14912	SM/OS2 - 8	UHDM-1x8MTPEm/2xISLCQD-OS2-B	(Male) 1x MTP12 and 1xMTP Adapter Black	Type B
MT14904	MM/OM3 - 8	UHDM-1x8MTPEm/2xISLCQD-OM3-A	OM3 MTP to LC Conversion Module , Base-8, Front 2x LC	Type A
MT14905	MM/OM3 - 8	UHDM-1x8MTPEm/2xISLCQD-OM3-AF	Quad Inner Shutter One Body Adapter Aqua, Rear Pinned	Type AF
MT14906	MM/OM3 - 8	UHDM-1x8MTPEm/2xISLCQD-OM3-B	(Male) 1x MTP12 and 1xMTP Adapter Black	Type B
MT14907	MM/OM4 - 8	UHDM-1x8MTPEm/2xISLCQD-OM4-A	OM4 MTP to LC Conversion Module , Base-8, Front 2x LC	Type A
MT14908	MM/OM4 - 8	UHDM-1x8MTPEm/2xISLCQD-OM4-AF	Quad Inner Shutter One Body Adapter Violet, Rear Pinned	Type AF
MT14909	MM/OM4 - 8	UHDM-1x8MTPEm/2xISLCQD-OM4-B	(Male) 1x MTP12 and 1xMTP Adapter Black	Type B