

MTP® CASSETTE MODULES



FIBER-REX MTPTM Cassette Modules provide secure transition between MTP and LC or SC discreet connectors. They are used to connect MTP backbones with LC or SC patching or connection to active equipment.

The modular system allows for rapid deployment of high density data cent infrastructures, as well as improved troubleshooting and reconfiguration during moves, adds and changes. Cassettes can be mounted in 1U or 3U 19" multislotted chassis.

MTP Cassettes contain factory controlled and tested MTP-LC fanouts to deliver optical performance and reliability. Low loss MTP Elite and LC or SC Premium versions are also available featuring low insertion loss for demanding power budget high speed networks

★ Features

- MTPTM (US Conec) brand MPO standard compliant multifiber connector
- LC (SFF Data Centre standard), SC discreet interface
- OS1/2, OM3, OM4 versions, OM1 and OM2 available
- 12 and 24 Fiber options
- Polarity A (standard), or C
- Factory Terminated and Tested

✓ Applications

- Data Centre Infrastructure
- Storage Area Network- Fiber Channel
- Parallel Optics
- Emerging 40 and 100Gbps Protocols

🎯 Standards Compliance

- TIA/EIA-568-C.3 and ISO/IEC 11801
- IEC-61754-7 & EIA/TIA-604-5
- TIA/EIA 568-B.1-7
- Compliant to Directive 2002/95/EC (RoHS) and REACH SvHC

⚙️ Technical Specification

Item	Value
Fiber	OS1/OS2, OM1*, OM2*, OM3, OM4 (ISO/IEC 60793)
Adaptors	MTP US Conec (IEC-61754 & EIA/TIA-604-5) Body Colour: Black Polarity: Keyway up- Keyway down, Keyway up Keyway up LC Duplex (IEC 61754-20) Body Colour: Beige (MM), Aqua (MM), Blue (SM/U/PC), Green (SM/APC)
Connectors	MTP US Conec (IEC-61754-7 & EIA/TIA-604-5) Boot Colour: Black Body Sleeve Colour: MM [Beige], MM Elite [Aqua], SM [Green], SM Elite [Yellow] LC (IEC 61754-20) Boot Colour: White (MM and SM/U/PC), Green (SM/APC) Housing Colour: Beige (MM), Blue (SM), Green (SM/APC)
Cassette Material	16 Gauge Aluminium (1.5mm Thickness) with a black powder coat finish
Operating Temperature	-10 ~ +60°C
Storage Temperature	-10 ~ +60°C

🛒 Ordering Information

Rear MTPTM Connector	MTP	Fiber Type	Cassette Count	Front Connector	Outer Sheath Color
M=MTPTM Male standard ME=MTPTM Male EliteTM		SM=OS1/OS2 M1=OM1 M2=OM2 M3=OM3 M4=OM4 A1=G657A1 A2=G657A2	12=12 Fibers 24=24 Fibers	LC=LC LCA=LC APC SC=SC SCA=SC APC	A=Polarity A B=Polarity B C=Polarity C