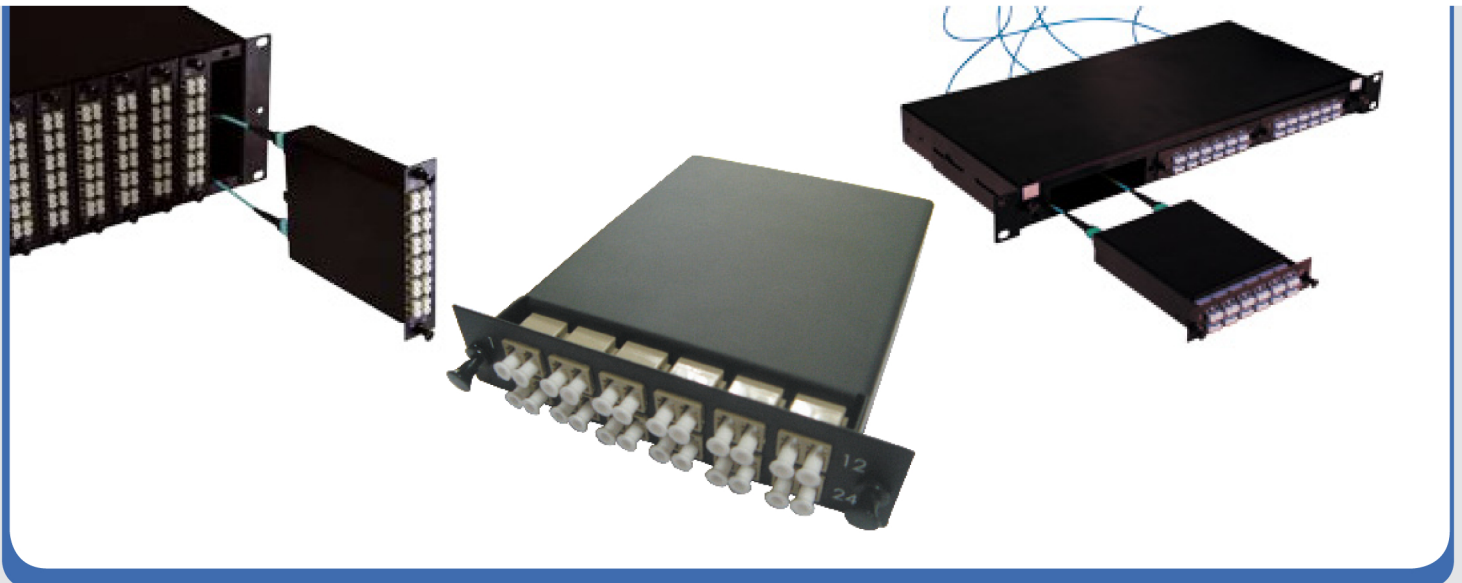


MTP[®] Cassette Modules



MTP[™] Cassette Modules provide secure transition between MTP and LC or SC discreet connectors. They are used to interconnect MTP backbones with LC or SC patching or connection to active equipment.

Modular system allows for rapid deployment of high density data centre infrastructure as well as improved troubleshooting and reconfiguration during moves, adds and changes. Cassettes can be mounted in 1U or 3U 19" multislot 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 offered featuring low insertion loss for demanding power budget high speed networks.

Features

- ▶ MTP[™] (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

Connector Performance

CONNECTOR MATING	IL TYPICAL	IL MAX	RETURN LOSS
MTP (MM)	0.20 dB	0.60 dB	NA
MTP (SM)	0.25dB	0.75dB	>60dB
LC, SC (MM)	0.15dB	0.30dB	NA
LC, SC (SM)	0.18dB	0.25dB	>55/65dB*

* UPC/APC

Technical Specification

ELEMENT	CHARACTERISTIC
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/UPC), 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/UPC), 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

Part Number Generator

