

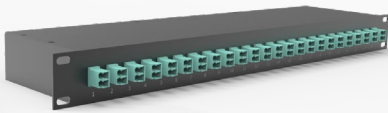
Pre-terminated MTP® Rack Shelf



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This is a cost effective pre-terminated MTP® solution for quick deployments. Enclosure is pre-terminated with MTP® pinned connectors in the back and LC connectors on the front. The most common units feature 12 fiber MTP® connectors routed to 6 duplex LC on the front. Mix and match single and multimode fiber types per set of 12 LC fibers or mix and match fiber types per MTP® connector.

Enclosures are highly configurable. Please contact sales for part numbers and detailed drawings.



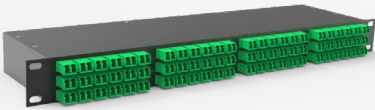
IllumiCore® 48F



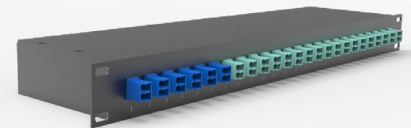
IllumiCore® 96F



IllumiCore® 288F



IllumiCore® 144F



Hybrid

SPECIFICATIONS

Product Type	Pre-Terminated MTP® Shelf
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	12F to 288F
Adapter Type	LC Duplex, Internally Shuttered / MDC3 / SC Duplex / MTRJ Pinned
Polarity Type	Type A, B, C
Adapter Color	Blue / Orange / Green / Brown / Slate / White / Red / Black / Yellow / Violet / Rose / Aqua / Lime Green



Pre-terminated MTP® Rack Shelf



CONNECTOR PERFORMANCE SPECIFICATIONS

CONNECTOR TYPE	TYPICAL IL PERFORMANCE	MAX IL PERFORMANCE
Single-mode LC	0.13 dB	0.20 dB
Single-mode SC	0.16 dB	0.20 dB
Single-mode MTP® Low Loss	0.10 dB	0.35 dB
Single-mode MTRJ Pinned	0.25 dB	0.50 dB
Single-mode MDC	≤ 0.07 dB	≤ 0.15 dB
Multimode LC	0.17 dB	0.20 dB
Multimode SC	0.12 dB	0.20 dB
Multimode MTP® Low Loss	0.10 dB	0.35 dB
Multimode MTRJ Pinned	0.20 dB	0.50 dB
Multimode MDC	≤ 0.07 dB	≤ 0.15 dB

COMPLIANCES

CONNECTOR COMPLIANCES

- TIA/EIA-455-21A
- TIA/EIA 568-B.3
- LC Connectors, TIA/EIA-604-10
- SC Connectors, TIA/EIA-604-3
- MTRJ Connectors, TIA/EIA-604-12
- MPO (including MTP®), TIA/EIA-604-5

MDC COMPLIANCES

- Telecordia GR-326
- TIA-568
- Meets IEC-61753-1 Grade B IL requirements

COMPONENTS RATED UL94 V-0

MPO COMPLIANCES

- Meets IEC Standard 61754-7
- Structured cabling per TIA-568-C
- Parallel Optics
- Optical Internetworking Forum (OIF) Compliant
- Infiniband Compliant
- 10G Fiber Channel Compliant
- 40G and 100G IEEE 802.3
- SNAP 12
- POP 4
- QSFP
- CXP



Pre-terminated MTP® Rack Shelf

PART NUMBER CONFIGURATOR

FRM- - 46
AAA B CC

AAA	Select Fiber Count
012 - 288	
B	Select Fiber
Y	Single-mode OS2
F	62.5µm Multimode OM1
E	50µm Multimode OM2
G	50µm Multimode OM3
M	50µm Multimode OM4

CC	Select Adapter
03	MDC3
3S	LC Duplex, Internally Shuttered
47	MTRJ Pinned
61	SC Duplex