

MPO CASSETTES AND CHASSIS PANEL



DESCRIPTION

Datacom Pre-terminated Plug and Go Fibre System provides the Rapid Fibre Deployment market with an extremely cost-effective Expandable and high-speed system. Datacom Modular Panels and cassettes have been designed to simplify installation and offer users an easy-to-expand modular system. Datacom modular panels can accept 4 or 10 unloaded cassettes, which are simply inserted and locked into the panel by push/pull pins.

For upgrading or maintenance purposes, cassettes can be easily unlocked and removed from the panel. Datacom cassettes are factory pre-terminated and available in 6 duplex SC, and 6 and 12 duplex LC options MTP brand connectors simply plug into the rear of the cassette, and inside pre-terminated multiple fibre cable splits out to either LC or SC connectors at the front.

APPLICATION

- Rack Mount Fiber Panels provide a flexible system suitable for managing fibre terminations, connections, and patching in all types of applications.
- The enclosure can serve as a transition from backbone cabling to distribution switching in telecommunications rooms or an interconnect to active equipment in server cabinets or switch racks, or can be specified for or inter-connect use in a main distribution area or horizontal distribution area.
- This panel is specifically designed for indoor applications.

FEATURES

- Expandable modular system.
- 1U capacity.
- Quality-controlled factory pre-terminated cassette.
- 96F LC capacity.
- 4 modular panel options.
- Utilises High Density MTP brand connectors.
- Reduces installation time and costs
- Compact and easily removable cassette.

STANDARDS COMPLIANCE

- Connectivity meets or exceeds TIA/EIA-568-C.3 performance requirements.
- Supports IEEE 802.3ae and ANSI T11.2 (Fiber Channel) channel and link specifications.
- Compliant with ROHS 2002/95/EC.

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MECHANICAL CHARACTERISTICS OF PATCH PANEL

Width (mm)	483
Height	1U
Depth (mm)	180
Material	Mild steel
Finish	Fine textured black paint
Capacity	4 cassettes

PERFORMANCE CHARACTERISTICS OF CASSETS

Link loss per channel	0.35dB max.
Optimized Loss per channel	0.5dB max.
Standard Loss per channel	0.75dB max.
Return loss Per channel OM3/OM4	26dB
Return loss Per channel OS1/OS2	26dB
Fiber count	6, 12, and 24
Fiber types OM3/OM4	50/125µm
Fiber types OS1/OS2	9/125µm
Front Connectivity Multimode	LC Duplex with UPC Polish
Front Connectivity Singlemode	LC Duplex with UPC Polish

ORDERING INFORMATION

Description

DATACOM 1U 4 SLOT CHASSIS FOR PRE-TERM MPO
DATCOM 1UCABLE MANAGEMENT BAR, 4 RINGS
DATCOM 6 DUPLEX LC SM CASSETTE TYPE A
DATCOM 6 DUPLEX LC SM CASSETTE FLIPPED
DATCOM 6 DUPLEX LC OM4 CASSETTE TYPE A
DATCOM 6 DUPLEX LC OM4 CASSETTE FLIPPED

Part No.

DC-CXFP1USL-4S
DC-CXCMT19-1UBK
DC-CXMPOC0906LC-A
DC-CXMPOC0906LC-F
DC-CXMPOC0406LC-A
DC-CXMPOC0406LC-F