



PRE TERMINATED FIBRE

MTP® MPO Solution for High Density Networks

A quick to install, very high performance cabling system which provides the highest density of network connections per 1U of rack space. Each low-loss compact connector contains 12 fibre core and is simply plugged in; no special skills are required.

APPLICATIONS

- Data Centres, Backbones, SANs
- 10Gb Ethernet, 8Gb Fiber Channel, 40Gb + (Single Mode)
- Parallel Optics, Infiniband

FEATURES

- High density 12 way MTP®/MPO Elite connector
- Up to 144 core per compact cable
- Factory assembled and tested
- Modular solution

BENEFITS

- 96 fibres per 1U rack space (LC)
- 1344 fibres per 3U rack space (MTP)
- Fast and simple to install and make changes

OPTIONS

- Fibre Types - MM: OM1, OM2, OM3, OM4 SM: OS1
- ST, SC, LC, FC
- 12 – 144 fibre core

Save time and money with pre terminated fibre

A high density high performance fibre solution for data centres requiring multiple fibre connections using the minimum of rack and containment space. The 12 way MTP®/MPO connectors are no larger than a duplex LC connector which enables rapid installation.

The solution consists of a trunk cable of between 12 & 144 fibre core, factory terminated with MTP®/MPO connectors to the length you require. These are plugged into 19" rack mounted cassettes which present as standard connectors which can then be patched through to active equipment

SPECIFICATIONS

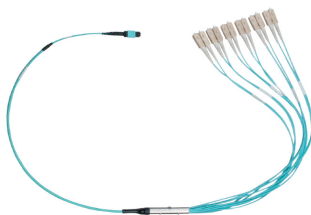
	Elite® Multimode	Elite® Singlemode
Insertion Loss	0.1dB Typical 0.35dB Max	0.1dB Typical 0.35dB Max
Return Loss	>20dB	>60dB
Loss	(Angle Polish)	(Angle Polish)

SYSTEM COMPONENTS



Trunk Cable

Pre Terminated fibre cable with 12 way fibre high density MTP® connectors. Trunk cables interconnect other MTP® pre-terminated components and can be from 12 to 144 fibres.



Fan Out Cable

Terminated with an MTP® connector and fan out into individual fibres at the other end. This provides connectivity from multi-fibre connectors to traditional duplex or simplex connectors such as LC or SC.



Cassettes

Provides connectivity between MTP® and standard interfaces, such as LC or SC. These fit into a 1U patch panel (3 Cassettes) or 3U patch panel (14 Cassettes).



Patch Panels

Rack Mountable panels:
1U, 3 cassettes, up to 72 fibres
3U, 14 cassettes, up to 336 fibres (LC) or 1344 fibres (MTP)
1U, Slimline fixed panel, up to 96 LC connectors on the front with 8 MTP connectors on the rear.