

General Description


MPO (Multi-fibre push-on) and MTP (Mechanical Transfer Push-on) are available in both 12 and 24 strand termination configurations used at the end of a trunk assembly.

The MTP design is an improved version of the MPO. The patented MTP connector is a ruggedized version with elliptical shaped, stainless steel alignment pin tips to improve insertion guidance and reduce guide hole wear.


The MTP connector also provides a ferrule float to improve mechanical performance by maintaining physical contact while under an applied load. MPO/MTP trunks also support for the 10GBASE-SR/SX applications although only two fibre strands are used.



In this case trunks are connected to cassettes and/or hydra assemblies, which break out the multiple fibres into two-strand connections (typically LC or SC).




innovative optical technology **Advanced Connectivity System**



24fiber module

1U Patch panel for 3 PCS MTP module
Figure 6




24fiber module

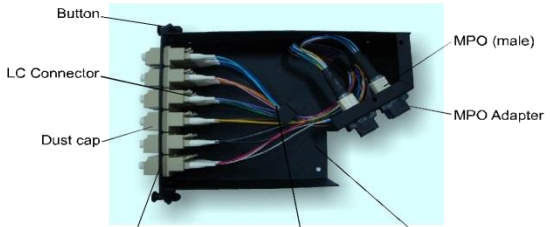
4HU 19" Fiber Integrated Technology Distribution Modular box, 12, slot, Empty
Figure 7

Install the 24fiber module to the rack (16K9401 and 16K9400):
Open the front door, install the module onto the rack, and then fixed the module.

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Description: 24 Core 10G LC multi-mode connectivity module
IBM P/N: 16K9510



Button
LC Connector
Dust cap
LC Duplex Adapter
0.9 Fiber
Module
MPO (male)
MPO Adapter

Figure 1
Connect the MPO ends to MPO adapter.

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