



Ultrahigh Density MTP/MPO System

Description

The fiber system has a higher and higher demand on fiber optic connectors with the changes from single mode fiber to multimode fiber, from 10G to 40G, 100G. Ethernet transmission of 40G and 100G also becomes the developing trend in data center cabling system. Traditional connectors are more and more difficult to achieve Multi-Fiber and High-performance. According to the International standard, high density MPO/MTP connector has been a standard port in the Ethernet transmission of 40G and 100G.

3C-LINK develops a high density MTP/MPO cabling solution with its constant innovation in the field. The MTP/MPO is a standard mini, high-density connector, equipped with Multi-core ribbon fiber, which makes the connection stable and reliable. The connection and testing of high density connector with ribbon cable are finished in factory, so that it can be plugged and played with the equipments on site directly, and support the rapid deployment at users' data center, which makes MTP/MPO cabling system become an ideal solution with the growing demands on high-capacity cabling data center. Simple installation, fast construction, compact design, high precision, plugs and play, etc.



3C-MPO-1U-4LGX



High-Density Single Module

Features

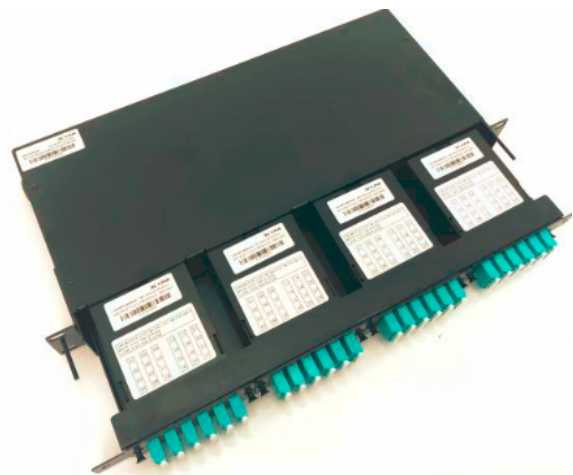
- This cabling system is modular in design, the higher density, special designed ultra-small MTP / MPO modular box which saves more space
- It has larger capacity- each modular box can allocate 24pcs LC adapters and switch to MTP/MPO connection



Ultrahigh Density MTP/MPO System

Features

- The capacity of 1U standard size is 96 ports of LC connector, for saves more space for large Data centers, reduces more combined cost
- Using unique tool-free installation design so that patching system can be fast assembled and installed without any tools and complex operations
- Factory pre- terminated so that there is no need to wind cable and splice fiber, it can be plugged and played on site, which can save labor cost



- The cabling system could achieve not only the standard patching of MTP/MPO, but also the application of optoelectronic hybrid, supporting RJ45 module and achieving the function of network patch panel make its applied ranges broader

Specifications

Connector	Insertion Loss	Connector
LC	$\leq 0.3\text{dB}$	$\geq 35\text{dB}$
MTP/MPO	$\leq 0.75\text{dB}$	$\geq 25\text{dB}$
Model	Dimension(L×W×H)	Capacity
3C-MPO-1U-4LGX	483mm×335mm×1U	96

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