MPO-MPO PATCHING CONNECTIVITY SOLUTIONS

MPO patch cords shall be used for equipment cabling and in controlled environments such as a data center where the cabling is installed in pathways, open trays or other cabling supporting systems

APPLICATIONS

- CATV -Video, and Multimedia
- Telecommunication networks
- Gigabit Ethernet
- Data processing networks
- Interconnection for O/E modules
- Premise installations
- Asynchronous Transmission Mode (ATM)
- Back bone installations

FEATURES

- Low insertion loss and back reflection loss
- Good exchangeability
- Good Durability
- High temperature stability
- Standard: Telcordia GR-1435-CORE compliant
- Precision molded MT ferrule
- High precision guide pins for exact alignment
- Compact design up to 24 Fibers
- IEC 61754-7 Compliant
- Telcordia GR-1435-CORE Compliant

Telcordia standard GR-326-CORE

- Round & mini-core cable structure to eliminate bend sensitivity
- Available in Singlemode (9/125µm), Multimode (OM1-OM2-OM3-OM4)
- Optional pulling eye design to fit for different installation environment

KOC offers customizable fiber-optic assemblies preterminated with MPO male or female connectors to simplify your fiber deployment. With our high-performance factory-terminated and factory-tested MPO assemblies, you can connect up to 12 fibers in a snap — saving on time, labor and troubleshooting compared to field-terminated fiber cables.
Customizable length, connectors and connector colors to suit your network
Assemblies can support up to 144 fibers

The Global Solution in Active and Passive Fiber Optic Components

Features subject to change.
Not contractually valid unless specifically authorized by kamaxoptic.

Kamaxoptic Communication CO., LTD.

Specifications	Single mode		Multimode	
	Standard	Low loss	Standard	Low loss
Insertion Loss	≤0.50dB Typical ≤0.50dB Maximum	≤0.20dB Typical ≤0.50dB Maximum	≤0.50dB Typical ≤0.50dB Maximum	≤0.30dB Typical ≤0.50dB Maximum
Return Loss	≥55 dB (PC) ≥60 dB (APC 8°)	≥55 dB (PC) ≥60 dB (APC 8°)	≥33 dB (PC)	≥33 dB (PC)
Durability	<0.20 dB typical change, 1000 matings			
Repeatability	<0.20 dB typical change			
Tensile strength	>10kg			
Operating Temperature	-40°C to + 85°C			

AVAILABILITY

- Various fiber numbers available
- Pigtail available
- Both ends with pins (Male type)
- Both ends without pins (Female type)

Note:
Under certain circumstances (Including the delivery time) we can manufacture
MPO Low loss with IL < 0,15dB

- Reliable, high-density connections.
- The MPO connector is the most compact connector available on Multicore fiber cables.
- Reduces installation time.
- Use for point-to-point application or for connections to standard patch panels.
- Providing significant space and cost savings
- MPO connectors utilize precision molded MT ferrules, with metal guide pins and precise housing dimensions to ensure fiber alignment when mating.
- The MPO can be mass terminated in combinations of 4, 8, 12 or 24 fiber ribbon/ mini round cables.

MPO Flex angle boot for 3mm cables

MPO Mini boot
for 3mm cables

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