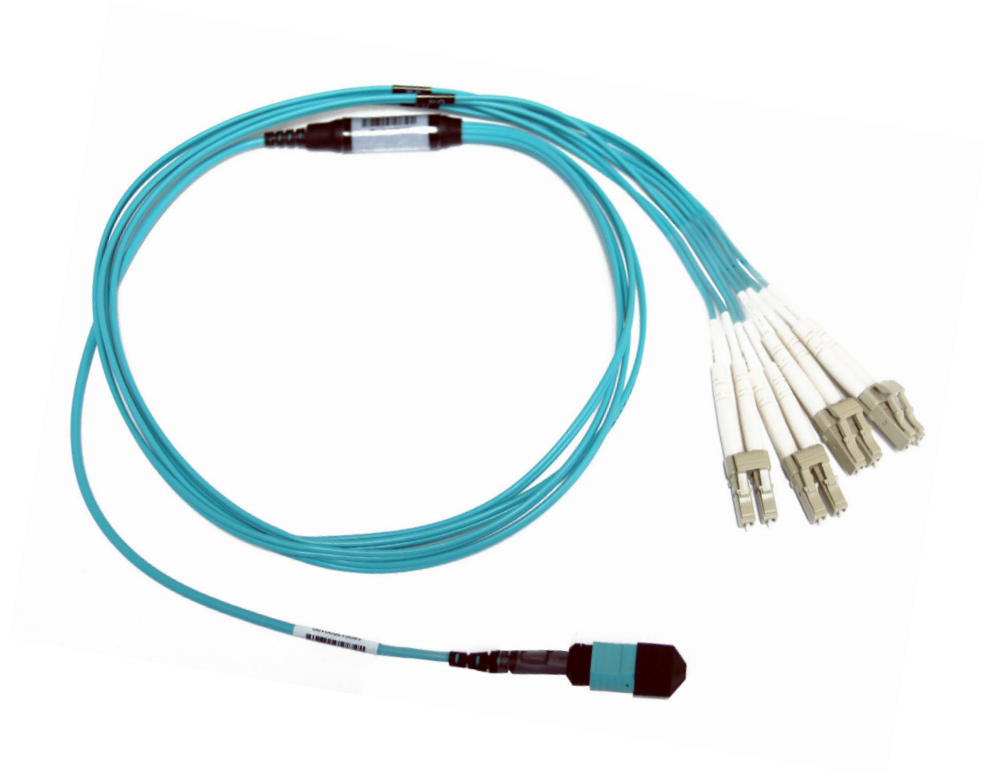


MPO 40G to LC 10G Breakout Cable

Overview

In addition to standard patch cords, Cabling123 also provides several kinds of specialty patch cords, such as the **w-Ignite MPO 40G to LC 10G Breakout Cable**. The MPO to LC breakout cable offers a connectivity transition from 12 or 24-fiber MPO connectors to duplex LC connectors. The breakout cable is ideal for connections to patch panels and data distribution routing.

Each high-quality breakout cable is designed to meet or exceed industry specifications. Each breakout cable is pre-terminated, expertly polished, and tested for low insertion loss and back reflection. This ensures peak optical performance, while saving time and effort during onsite installation.



Features & Benefits

- Low Return Loss (RL) & Low Insertion Loss (IL)
- Factory Terminated, Individually Tested & Passed Quality Standard
- Ready to Install On-Site
- High-Density Interconnect Replacing Up to 24 Individual Fiber Connectors
- Alignment Achieved With High Precision Guide Pins
- Push/Pull Mating for Quick Installation
- Single-Mode and Multi-Mode Color-Coded Housing
- Patch Cord Identification Label Provides Traceability
- Base Cable Plenum Rated for Code Compliance

Applications

- Data Centers
- High Density Cross Connect
- Backbone Installations
- Telecommunication Networks
- Enterprise Computing
- Premise Installations
- Test Labs
- Equipment Rooms

MPO Performance Specifications

		MM Elite (850 & 1300nm)	MM (850 & 1300nm)	SM Elite (APC) (1310 & 1550nm)	SM (APC) (1310 & 1550nm)
Insertion Loss (dB)	Typical	0.10	0.20	0.10	0.25
	Max	0.35	0.60	0.35	0.75
Return Loss (dB)	Max	-20	-20	-60	-60

LC Performance Specifications

Fiber Type	SM		MM
Polishing	UPC	APC	PC
Insertion Loss	< 0.3dB	< 0.5dB	< 0.3dB
Return Loss	≥ 50dB	≥ 60dB	≥ 25dB
Durability	> 1000 Matings		> 1000 Matings
Core Diameter	9/125 μm		50/125 μm or 62.5/125 μm
Operating Temperature	-40 °C to 80 °C		

Product Selection

Part Number: 51a-CDEFP-XXM				
a (optional)	C	DE	F	XX
M (male guide pins)	3 (SMF 9/125) 4 (OM3 50/125) 9 (OM4 50/125)	08 12 20 24	0 (PC) 2 (APC)	Length (Meters)

Standards Compliance

- EIA/TIA-455-21A
- IEC-61754-7
- TIS-604-5 (FOCIS 5)
- RoHS

