

OS2-MPO-8LC-1M Datasheet



1m (3.3ft) MPO Female to 4 Duplex LC UPC Breakout Cable, 8 Fiber 9/125 Singlemode OS2, Type B, LSZH

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This Cable is factory pre-terminated MPO to 4x LC Duplex 9/125 OS2 breakout cable, offering the user the advantage of consistent quality, much faster installation, and simpler cable management. This MPO breakout cable comprises one MPO female connector and 4xLC duplex fiber connectors on the other end. The MPO harness cables utilize 8 core OS2 fibers to fully transmit 100Gbps. The fiber optic harness cable conforms to Method B (Cross-Connect) polarity, and the MTP® connector is available upon request.

Features

- Factory-terminated provides consistent quality, high performance, and reduced installation time
- 100% tested for low insertion loss performance and high return loss
- MPO female to 4 x LC duplex harness cable
- Save Time & Space
- 9/125µm OS2 Single mode Fiber
- Optimized performance – available in elite MTP and discrete premium connector
- Comply with IEC 61754-7, TIA/EIA 604-5, Telcordia GR-1435-CORE, and RoHS
- LSZH jacket by default

Specifications

- Fiber Type: 9/125 μ m Single Mode OS2
- Fiber Count: 8-fiber
- Connector A: MPO APC Female
- Connector B: 4 LC UPC Duplex
- Cable Length: 1m
- Cable Diameter:
 - MPO: 3.0mm
 - Fan-out: 2.0mm
- Insertion Loss: MPO \leq 0.7dB, LC \leq 0.3dB
- Return Loss: MPO \geq 55dB, LC \geq 50dB
- Polarity: Type B (Crossover)
- Jacket Material: LSZH
- Jacket Color: Yellow
- Environment
 - Operating: -20°C to 70°C
 - Storage: -40°C to 85°C
- Application
 - Optical switching interframe connections
 - High-density fiber card edge access
 - 40G and 10G interconnect
 - Data Center Cabling

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