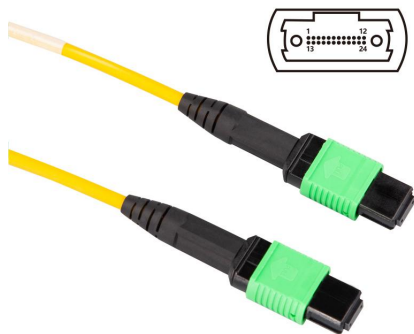# OS2-MPO24-15M Datasheet

SMF

OS2 Singlemode MPO-24 Female to MPO-24 Female Trunk Cable, 24 Fiber, LSZH, 15m (49.2ft)

OS2-MPO24-15M

OS2 Singlemode MPO-24 Female to MPO-24 Female Trunk Cable, 24 Fiber, LSZH, 15m (49.2ft)

This MPO-24 trunk cable is a factory pre-terminated 24-fiber single mode MPO patch cord for limited space cabling. It features premium single mode MPO-24 female connectors and an optical cable for optimal performance. The MPO-24 connector is roughly the same size as an SC connector but can provide up to 24 times the density, thereby providing significant space and cost savings. Additionally, it offers consistent user quality, much faster installation, and simpler cable management.

Features

- Factory-terminated provides consistent quality, high performance, and reduced installation time
- 100% tested for low insertion loss and high return loss
- High-quality MPO-24 connectors guaranteed by the 3D interferometer
- Type A polarity for MPO cassette and patch panel connection
- Type B polarity for 100G/400G connection
- Comply with IEC 61754-7, TIA/EIA 604-5, Telcordia GR-1435-CORE, and RoHS

Specifications

- Fiber Mode: 9/125 μm Single Mode OS2
- Fiber Count: 24-fiber

- Connector Type: MPO-24 Female to MPO-24 Female (Pinless)
- Polish Type: APC to APC
- Cable Length: 15m
- Cable Diameter: 3.0mm
- Insertion Loss: ≤ 0.7dB (0.45dB Typ.)
- Return Loss: ≥ 60dB
- Cable Jacket: LSZH
- Tensile Strength: Long term: 80N, Short term: 160N
- Operating Temperature: -20°C to 70°C
- Storage Temperature: -40°C to 85°C

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