

7.4. MPO/MTP Solution



Standards

LSHF-FR (FRNC):

IEC 60332-1-2; IEC 60332-2-2;

IEC 60754-1; IEC 60754-2; IEC 61034

- Bendbright® Technology
- Female (Standard) & Male MTP Connectors
- Available in A, B & C Assembly Methods
- Factory Terminated and Tested
- Lightweight and Space saving

OM3 MPO/MTP

MPO/MTP® Female Push Pull Locking (Aqua)

Specification

Type	OM3 Aqua
Fibre	12 primary coated fibres nominally 242 µm
Fibre Colours	According to TIA/EIA 598-C also in agreement with IEC 60304: Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink and aqua
Strength member	Ultra high modulus Aramid yarns
Sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised, 0.4 mm
Nominal dimensions	ø3.0 mm +0.1 mm -0.3 mm
Ferrule	12 Fibre MM Elite® ferrule, PPS
Boot colour	Black

Performance

Fibre	50/125µ OM4
Type	MPO/MTP®
Wavelength	850 nm
Insertion loss Typ.	≤ 0.25 dB
Insertion loss Max.	0.45 dB
Return loss Min.	20 dB
Optimized Data Rate over Distance	100 m 40/100 Gb/s 300 m 10 Gb/s 1000 m 1 Gb/s
Temperature Range Operating	-0 °C to +70 °C
Temperature Range Storage	-20 °C to +50 °C
Tests	Interferometer, Insertion Loss, Return Loss and Visual Final Inspection; all measured values are electronically archived

Order Information

