

Multimode OM4 MTP®/MPO Patch Cords

These MTP®/MPO patch cable utilizes round Multi Core cable that allows transmission within a single 3mm LSZH jacket cable. MTP®/MPO Trunk assemblies are used in parallel optics and duplex transmission cross connect systems to increase cable density between switch and server cabinets. Designed for high- density fiber patching in data centers and ensure peak performance throughout your local area network. Allow rapid deployment of high-density, multi-port patch field connectivity for Storage Area Network (SAN) applications.

The fiber cores are bend insensitive and connected with MTP®/MPO Connector to provide low insertion and high return loss. All Patch cords are 100% optically inspected and tested individually. Insertion loss and return loss values are available with every patch cord.



Standards

- ANSI/TIA-568.3-E
- ISO/IEC 11801
- TIA 604 FOCIS 5
- IEC 61300-3.4
- IEC 61300-3.6
- IEC 60874-1

Construction

Core/Clad Diameter (μm)	50/125
Coating Diameter (μm)	250±15
Number of Fibers / Cable	12
Jacket	Low Smoke Zero Halogen
Cable Diameter	3.0mm ± 0.20mm
Colour of Jacket	Magenta/Aqua
Connector Housing Colour	Aqua
Boot	Black
Connector	12F MTP®/MPO Low Loss
Polarity	Type A, Type B, Type C
Type	Male: Pinned, Female: unpinned
Polishing	PC
Connector Housing & Boot Housing	Polycarbonate UL94V-0
Cable Retention Force	20N

Transmission Data

Fiber Type	Multimode OM4 50/125
Operating wavelength range (nm)	850/1300
Insertion Loss (dB)	≤ 0.25

Return Loss (Back Reflection) (dB)	≥ 45
Mating Durability for 1000 Cycles(dB)	≤ 0.2
Repeatability (dB)	≤ 0.1

Environmental

Transport and Storage	-20° to 75°C
Installation	4° to 50°C
Operation	-20° to 70°C
Humidity	10% to 90% RH

Compliances

Flammability	IEC 60332-1
Smoke density	IEC 61034
Acid gas	IEC 60754-1

How to Order

Description	Product Code
Multimode Fiber Optic LSZH Patch cord, MTP/MPO-MTP/MPO, 12F, OM4	6514EF-XXXX

E, F: denotes Type of Connector (E≤F): (6 = Male, 7 = Female)

X Denotes Polarity: 0 = Type A, 1 = Type B

YYY Denotes Length in Meters

Length (YYY) \ Type	MTP(F)-MTP(F) (OM4), Type B	MTP(M)-MTP(F) (OM4) Type B	MTP(M)-MTP(M) (OM4) Type B
2mtr (002)	651477-1002	651467-1002	651466-1002
5mtr (005)	651477-1005	651467-1005	651466-1005
10mtr (010)	651477-1010	651467-1010	651466-1010

Other Polarity, Lengths and Types are available upon request.

