MPO / MTP® Cable

波若威科技
BROWAVE
CORPORATION

Description

MPO/MTP® multi-fiber patch cord are ideally suited for high density fiber interconnection environment which requires space saving and innovative cable management solutions. MPO/MTP® connectors have realized multiple fiber connections within a conventional cable, this advantage allows data center designers to deploy ten or twenty times of fiber counts in same storage space. Browave offers 8/12/24/48 fiber MPO/MTP® jumpers, fanout, cable assembly with various cable jacket types, colors, lengths for different system requirements and applications.

Customized Fiber Array Solution:

Utilizes high precision fiber array, collimator, MT, ferrules, in addition to PRIZM® LightTurn® technologies suitable for transceiver and precision laser application.

Features

▶ RoHS compliance
▶ Telcordia GR-1435 compliance
▶ 8/12/24/48 fiber with MM and SM options
▶ LSZH, Riser, Plenum cables
▶ High density solution
▶ Easier cable grooming
▶ High quality MT ferrule

Application

▶ Data center
▶ 10G / 40G / 100G networks
▶ Parallel interconnection
▶ Miniature modules
▶ Active optical cable

Specification

Characteristics	Unit	Single Mode	Single Mode (Low Loss)	Multi Mode	Multi Mode (Low Loss)
Fiber Channel	EA	8, 12, 24	8, 12, 24	8, 12, 24, 48	8, 12, 24
MPO/MTP® connector insertion loss (I.L)	dB	≦0.75	≦0.35	≦0.7+ Cable Length *0.003	≦0.35 (*1)
MPO/MTP® connector return loss (R.L)	dB	≧60		≧20	
Fanout connector insertion loss (I.L)	dB	≦0.3	≦0.2	≦0.3	≦0.2
Fanout connector return loss (R.L)	dB	≧60(APC); ≧50(UPC);		≧25	

24F MPO breakout to LC duplex

48F MPO jumper

Flexible boot

MPO-PRIZM® LightTurn® fiber array

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Precision laser fiber cleaving

www.browave.com
sales@browave.com
Browave Corporation
3F, No.30, Industry East Road IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, ROC   Tel: +886-3-563-0099