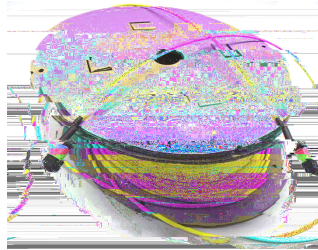


MTP/MPO Pre-terminated Optic Trunk Cable



Product Description

MTP/MPO Pre-terminated optic trunk cable is a high-speed, multi-fiber optic cable used for data center interconnects. It features a robust, multi-faceted connector that allows for easy termination and connection to other MTP/MPO components. The cable is available in various lengths and fiber counts, including 12, 144, 32, 64, 96, 128, 160, 192, 224, 256, 288, 320, 352, 384, 416, 448, 480, 512, 544, 576, 608, 640, 672, 704, 736, 768, 800, 832, 864, 896, 928, 960, 992, 1024, 1056, 1088, 1120, 1152, 1184, 1216, 1248, 1280, 1312, 1344, 1376, 1408, 1440, 1472, 1504, 1536, 1568, 1600, 1632, 1664, 1696, 1728, 1760, 1792, 1824, 1856, 1888, 1920, 1952, 1984, 2016, 2048, 2080, 2112, 2144, 2176, 2208, 2240, 2272, 2304, 2336, 2368, 2400, 2432, 2464, 2496, 2528, 2560, 2592, 2624, 2656, 2688, 2720, 2752, 2784, 2816, 2848, 2880, 2912, 2944, 2976, 3008, 3040, 3072, 3104, 3136, 3168, 3200, 3232, 3264, 3296, 3328, 3360, 3392, 3424, 3456, 3488, 3520, 3552, 3584, 3616, 3648, 3680, 3712, 3744, 3776, 3808, 3840, 3872, 3904, 3936, 3968, 4000, 4032, 4064, 4096, 4128, 4160, 4192, 4224, 4256, 4288, 4320, 4352, 4384, 4416, 4448, 4480, 4512, 4544, 4576, 4608, 4640, 4672, 4704, 4736, 4768, 4800, 4832, 4864, 4896, 4928, 4960, 4992, 5024, 5056, 5088, 5120, 5152, 5184, 5216, 5248, 5280, 5312, 5344, 5376, 5408, 5440, 5472, 5504, 5536, 5568, 5600, 5632, 5664, 5696, 5728, 5760, 5792, 5824, 5856, 5888, 5920, 5952, 5984, 6016, 6048, 6080, 6112, 6144, 6176, 6208, 6240, 6272, 6304, 6336, 6368, 6400, 6432, 6464, 6496, 6528, 6560, 6592, 6624, 6656, 6688, 6720, 6752, 6784, 6816, 6848, 6880, 6912, 6944, 6976, 7008, 7040, 7072, 7104, 7136, 7168, 7200, 7232, 7264, 7296, 7328, 7360, 7392, 7424, 7456, 7488, 7520, 7552, 7584, 7616, 7648, 7680, 7712, 7744, 7776, 7808, 7840, 7872, 7904, 7936, 7968, 8000, 8032, 8064, 8096, 8128, 8160, 8192, 8224, 8256, 8288, 8320, 8352, 8384, 8416, 8448, 8480, 8512, 8544, 8576, 8608, 8640, 8672, 8704, 8736, 8768, 8800, 8832, 8864, 8896, 8928, 8960, 8992, 9024, 9056, 9088, 9120, 9152, 9184, 9216, 9248, 9280, 9312, 9344, 9376, 9408, 9440, 9472, 9504, 9536, 9568, 9600, 9632, 9664, 9696, 9728, 9760, 9792, 9824, 9856, 9888, 9920, 9952, 9984, 10000.

Features

- ! Product length 12-144cm, fiber count 12-144
- ! Cable length 100G/400G, fiber count 12-144
- ! Termination type: OM1, OM2, OM3, OM4, G652D, G657A1, G657A2
- ! Cable type: OM3, OM4, G652D, G657A1, G657A2
- ! Cable type: OM3, OM4, G652D, G657A1, G657A2

Applications

- ! 40G BASE-SR4, E, E, A, ca
- ! 100G BASE-SR10(CXP 10*10G), E, E, A, ca
- ! 100G BASE-SR4(QSFP23 4*25G), E, E, A, ca
- ! High-speed data center interconnects
- ! Server racks, storage arrays, and other high-speed data centers
- ! Optical networking, data center, and other high-speed data centers

Standards

- ! TIA/EIA-568-C.3
- ! IEC 61754-7
- ! GR-1435-CORE

Specifications

! Connector Optical Specifications

Connector	Insertion Loss (Average)	Insertion Loss (Maximum)	Return Loss	Unit
MPO(MM)	0.10	0.30	> 25	dB
MPO(SM)	0.15	0.35	> 50	dB

! Mechanical Parameters

Cable core	12	24	48	72	96	144
Maximum allowable tension(N)	500	500	700	700	700	700
Cabling static minimum bending radius (mm)	10 times of OD of the cable					
Cable dynamic minimum bending radius (mm)	20 times of OD of the cable					
Operation temperature	-40℃~80℃					

Order Information

OFC

MT Series	MT Fiber Cores	MT Endface	MT Type	Fiber Type	Connector Type	Endface	Fan-out Length	Fiber/Cable	Length	Polarity
MPO MTP	4:4Cores 8:8Cores 12:12Cores 24:24Cores	PC APC	M:Male F:Female	S:G652 A2:G657A2 M:50/125 D:62.5/125 OM3 OM4	MT Jumper: M:Male F:Female 0:Pigtail	PC APC	0:No Fan-out	30:3.0mmCable Series 45:4.5mmCable Series	2:2m	A:Straight Through B:Complete Cross C:Absolute Cross