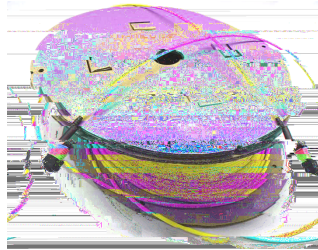


## MTP/MPO Pre-terminated Optic Trunk Cable



### Product Description

MTP/MPO Pre-terminated optic trunk cable is a high-density, multi-fiber optic cable used for connecting MTP/MPO connectors. It is available in various lengths and fiber counts, including 12, 144, 32, 48, 96, 144, 192, 288, 384, 480, 576, 672, 768, 864, 960, 1056, 1152, 1248, 1344, 1440, 1536, 1632, 1728, 1824, 1920, 2016, 2112, 2208, 2304, 2400, 2496, 2592, 2688, 2784, 2880, 2976, 3072, 3168, 3264, 3360, 3456, 3552, 3648, 3744, 3840, 3936, 4032, 4128, 4224, 4320, 4416, 4512, 4608, 4704, 4800, 4896, 4992, 5088, 5184, 5280, 5376, 5472, 5568, 5664, 5760, 5856, 5952, 6048, 6144, 6240, 6336, 6432, 6528, 6624, 6720, 6816, 6912, 7008, 7104, 7200, 7296, 7392, 7488, 7584, 7680, 7776, 7872, 7968, 8064, 8160, 8256, 8352, 8448, 8544, 8640, 8736, 8832, 8928, 9024, 9120, 9216, 9312, 9408, 9504, 9600, 9696, 9792, 9888, 9984, 10080, 10176, 10272, 10368, 10464, 10560, 10656, 10752, 10848, 10944, 11040, 11136, 11232, 11328, 11424, 11520, 11616, 11712, 11808, 11904, 12000, 12096, 12192, 12288, 12384, 12480, 12576, 12672, 12768, 12864, 12960, 13056, 13152, 13248, 13344, 13440, 13536, 13632, 13728, 13824, 13920, 14016, 14112, 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Specification

! Connector Optical Specification

| 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 Parameter

| 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

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