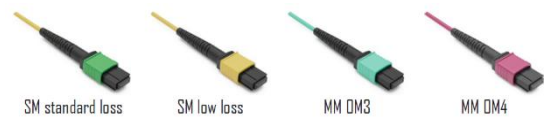


| | |
|--------------------|---|
| Description | Pre-terminated multi-fiber cables with multiple MPO/MTP[®] connectors |
|--------------------|---|



Note: the jacket color is purely indicative

MPO connector coloring



Description

Pre-terminated multi-fiber cables with multiple MPO/MTP[®] connectors support up to 144 optical fibers, providing a high-density solution for data centers and 100G/400G connections. This configuration ensures fast and accurate installations, enabling simplified cable management and scalable, reliable connectivity optimized for high-performance network infrastructures. Available upon request only.

Cable characteristics

| | |
|----------------------|---|
| Cable type | Minicore with double jacket |
| Jacket material | LSZH |
| N. of optical fibers | From 24 to 144 FO |
| Fiber optic types | Singlemode G.652.D and G.657.A1; Multimode OM3 and OM4 |
| Outer diameter | From 9 to 17,5 mm |
| Max pulling strength | From 660 to 1320N |
| Jacket color | Based on the optical fiber type |
| Fan-out | L = 50 cm (customizable upon request); tube diameter 3 mm |
| Euroclass | Cca s1b,d0,a1 |
| Length | From 2 mt to 1000 mt |

Termination characteristics

| | |
|-----------------------------|---|
| Connector type | MPO/MTP [®] male or female |
| MPO connector configuration | 2x12 FO, 2x24 FO, 4x12 FO, 4x24 FO, 6x12 FO, 6x24 FO |
| Insertion Loss | Standard: ≤ 0,5 dB for MM ; ≤ 0,75 dB for SM Low loss: ≤ 0,35 dB |
| Connection polarity | Type A, B or C |

Standards and compliance

| | |
|---------------------------|------------------------|
| Cables and optical fibers | EN 60793 EN 60794-1 |
| Connectors | IEC 61754-7 |

| | |
|--------------------|---|
| Description | Pre-terminated multi-fiber cables with multiple MPO/MTP[®] connectors |
|--------------------|---|

Fire behavior

| | |
|-------------------|----------------------------------|
| CPR regulation | EN 50575 Euroclass Cca s1b,d0,a1 |
| Reaction to fire | EN 50399; EN 60332-1-2 |
| Smoke density | EN 61034-2 |
| Acid gas emission | EN 60754-1/2 |

External jacket coloring

| | |
|----------------------------------|----------------------|
| Fiber 9/125 G.652.D and G.657.A1 | Yellow |
| Fiber 50/125 OM3 | Aqua |
| Fiber 50/125 OM4 | Aqua or Erika violet |

Connectivity & Cabling System