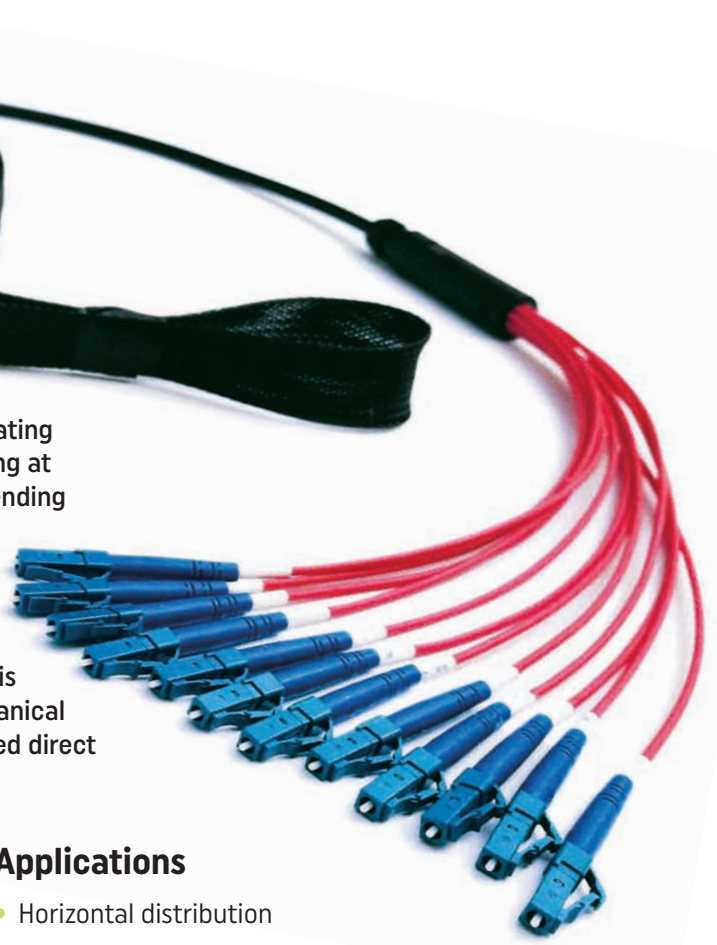


DST2 Pre-Terminated Universal Cable

These cables are suitable for both outdoor installations and indoor distribution. As with all our pre-terminated cables, these save installation costs by eliminating the need for laborious and time-consuming splicing and testing at the installation site. Diameter of these cables is 5-8 mm, depending on fiber count. The passage between the cable and its individual fibers is secured by a fan-out.

Individual fibers in these cables are in primary protection and common loose tube secondary protection, filled by jelly. Before connecting, a protective 2.0 mm diameter Kevlar tube is placed on each fiber. The tubing provides the fiber with mechanical strength necessary for use as a 'multi-patch cord' and repeated direct connection to active elements.



Features

- Available in MM OM1, OM2, OM3, OM4, OM5 and SM OS2 G.657.A1 fiber types
- Available with SC, LC, FC, ST and E2000 connectors
- LSZH, OFNR, UV-resistant cable
- 4 to 24 fiber design
- 2.0 mm patching cable diameter
- Easy and quick installation

Applications

- Horizontal distribution
- Connections between buildings
- Interconnections between panels and cabinets within buildings
- Data centers, SAN distribution
- Laying in cable trays and ducts

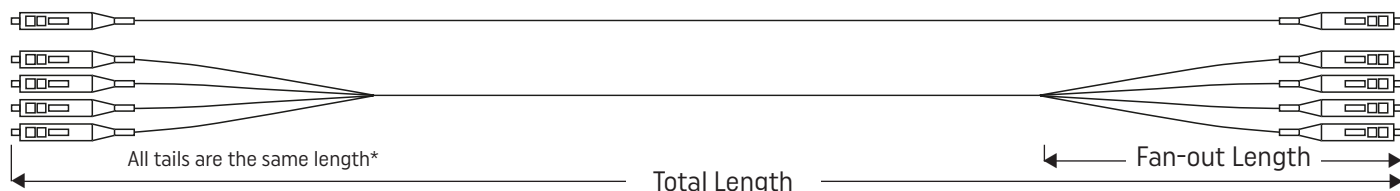
Specifications

| LC, SC, FC, ST, E2000 | SM APC | SM PC | MM PC |
|-------------------------------------|---|---------|---------|
| Insertion loss (IL) typ. | 0.15 dB | 0.20 dB | 0.25dB |
| Insertion loss (IL) max | 0.30 dB | 0.30 dB | 0.35 dB |
| Return loss (RL) | > 65 dB | > 55 dB | > 30 dB |
| Mating cycles | minimum 500 cycles | | |
| Assembly | glue and polish | | |
| Cable type | universal indoor/outdoor central loose tube | | |
| Cable operational temperature range | -20 to +70 °C | | |
| Temperature cycling | -25 to +70 C, 12 cycles | | |
| Ferrule material | ceramic zirconia | | |
| Connector material | PBT/UL 94-V0 | | |

Cable Protection & Pulling

Cable fan-out ends and connectors are protected with a plastic braid. This plastic braid can be terminated by a simple eye, which facilitates manipulation of the cable. For longer and heavier routes, the cable can be equipped with a steel cable with a pulling eye. In order to facilitate attachment to a switchboard, a cable gland can be placed at the end of the cable.

Measurements



ORDERING CODES

DST2: Pre-Terminated Universal Cable

| DS | T2 | ✓ | - | ✓ | / | ✓ | - | ??? | - | ?? | - | ?? | / | ?? | | |
|--|----|----|---|-----|---|-----|---|------|----|-----|---|-----|---|-----|--|--|
| | | | | | | | | | | | | | | | | Fiber type |
| | | S2 | | | | | | | | | | | | | | OS2 SM 09/125 μm |
| | | M1 | | | | | | | | | | | | | | OM1 MM 62.5/125 μm |
| | | M2 | | | | | | | | | | | | | | OM2 MM 50/125 μm |
| | | M3 | | | | | | | | | | | | | | OM3 MM 50/125 μm |
| | | M4 | | | | | | | | | | | | | | OM4 MM 50/125 μm |
| | | M5 | | | | | | | | | | | | | | OM5 MM 50/125 μm |
| | | | | | | | | | | | | | | | | Connector A / Connector B |
| | | | | E2A | | E2A | | | | | | | | | | E2000/APC |
| | | | | ST | | ST | | | | | | | | | | ST/PC |
| | | | | FC | | FC | | | | | | | | | | FC/PC |
| | | | | FCA | | FCA | | | | | | | | | | FC/APC |
| | | | | LC | | LC | | | | | | | | | | LC/PC |
| | | | | LCA | | LCA | | | | | | | | | | LC/APC |
| | | | | SC | | SC | | | | | | | | | | SC/PC |
| | | | | SCA | | SCA | | | | | | | | | | SC/APC |
| | | | | | | | | 90.0 | | | | | | | | Cable length (m) |
| | | | | | | | | | 24 | | | | | | | Fibers (4-24) |
| | | | | | | | | | | 0.5 | | 0.5 | | | | Length of Fan-out Tails A / B (m) |
| Příklad | | | | | | | | | | | | | | | | |
| DS | T2 | S2 | - | LC | / | SC | - | 90.0 | - | 24 | - | 0.5 | / | 0.5 | | INTELDAT pre-terminated cable, 09/125 SM fibers, LC/PC to SC/PC connectors, 90 m length, 24 fibers, 0.5 m tail lengths |
| *Special configurations can be provided assembled in accordance with your requirements | | | | | | | | | | | | | | | | |