



Shielded optical fiber patch cord FC/UPC, Single-mode (SM), UV-resistant LSFH Outdoor

Single-mode (SM) optical-fiber patch cord Pre-terminated with FC/UPC connectors for the connection of network elements, usually of the optical LNB range. Equipped with a shielded stainless steel tube covering the fiber as well as a traction protective aramid mesh and an LSFH ultraviolet radiation-resistant sheath.

Thanks to the stainless steel shielding, it is perfect for use outdoors and even underground, as it is specially designed to withstand adverse weather conditions, impacts and pulling.

Supplied in individual packing.

| | |
|---------------------|---------------|
| Ref. | 236102 |
| Logical ref. | OSK10S |
| EAN13 | 8424450142776 |

Other features

| | |
|---------------|---------|
| Colour | Grey |
| Length | 10.00 m |

Packaging info

| | |
|---------------|---------|
| Bag | 1 pcs. |
| Bucket | 50 pcs. |

Physical data

| | |
|----------------------------|--------------|
| Net weight | 148.00 g |
| Gross weight | 148.00 g |
| Width | 9.00 mm |
| Height | 10,114.00 mm |
| Depth | 9.00 mm |
| Main product weight | 148.00 g |

Highlights

- Low attenuation
- Aramide fibers protection and flexible stainless steel tube
- Outstanding durability: It incorporates a flexible stainless steel shielding that provides excellent mechanical resistance, and protects the fiber against any type of physical aggression: impacts, pulling, treading...
- G.657A2 fiber type
- LSFH cover with UV protection, grey colour
- FC/UPC connectors
- Available in different lengths

Technical specifications : Ref. 236102

| | | |
|--------------------------------------|-------|---|
| Fiber core type | | Single-mode (ITU-T-G.657A2) |
| Optical fiber type category | | OS1 |
| Fiber core diameter | µm | 9 |
| Fiber cladding diameter | µm | 125 |
| Coating buffer diameter | µm | 250 |
| Cable structure | | Tight buffer |
| Plastic buffer diameter | mm | 0.8 |
| Outer sheath Diameter | mm | 3 |
| Outer sheath Material | | LSFH |
| Blocking jelly | | No |
| Attenuation 1310nm | dB/km | < 0.4 |
| Attenuation 1490nm | dB/km | < 0.4 |
| Attenuation 1550nm | dB/km | < 0.3 |
| Insertion losses in connector 1 | dB | < 0.3 |
| Insertion losses in connector 2 | dB | < 0.3 |
| Return losses in connector 1 | dB | > 50 |
| Return losses in connector 2 | dB | > 50 |
| Optical connector type 1 | | FC |
| Polishing type (Optical connector 1) | | UPC |
| Optical connector type 2 | | FC |
| Polishing type (Optical connector 2) | | UPC |
| Short tension | N | 440 |
| Structure reinforcement element | | Aramid fibers and flexible stainless steel tube |
| Short crush (@100mm) | N | 1000 |
| Minimum bending radius | mm | 30 |
| Operating temperature | °C | -20 ... 70 |