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NETWORKS



Fibre Outlet Series - TEN-FWO13

enlighten SPOOL REEL FTTH OUTLET

Teleste FTTH outlet with integrated spool reel and invisible fibre cable for easy installations and optical outlet location changes inside homes.

Features

- Small, compact and uniquely smart design.
- Protects fibre bend radius to a minimum of 15mm.
- Wall-mounted.
- Supporting SC/APC & SC/UPC.
- Dimensions 93 x 83 x 43 mm.
- Contains up to 40m of "invisible" singlemode "Bend Insensitive" cable.
- Supplied together with 10 pcs of cable clips in each pack. Cable clips also orderable as separate accessory.



IN-HOME
FTTx product solution

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enlighten OPTICAL PASSIVES / FTTH OUTLET SERIES

| GENERAL SPECIFICATIONS | | | |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Material | ABS | Colour | White RAL9010 |
| IP class | IP20 | Operating Temperature | -20 °C +60 °C |
| Weight | 110g (30 m model) | Dimension | 93 x 83 x 43 mm |
| CABLE SPECIFICATIONS | | | |
| Fiber Type | G.657 A2 | Outer Sheath Thickness (mm) | ≥ 0.25 mm |
| Fiber Count | 1 | Cladding Diameter | 125 ±0.4 nm |
| Outside Diameter (mm) | 0.9 ± 0.05 | Cable Weight (kg/km) | Max. 1 kg/km |
| Attenuation 1310µm/1550µm | 0.36 dB/0.25 dB | Macrobending Loss | 7.5mm (G657 A2 fiber) 1 round, Additional loss ≤0.2dB@1550nm, ≤0.5dB@1625nm |
| CABLE MECHANICAL PROPERTIES | | | |
| Max. Tensile Load | IEC 60794-1-2 E1 | Short term 20N, Additional loss ≤0.03 dB. Long term 5N , Additional loss ≤ 0.03 dB | |
| Max. Crush Resistance | IEC 60794-1-2 E3 | Short term 500N/100mm. Long term 100N/100mm. | |
| Min. Bend Radius Installed | IEC 60794-1-2 E11 | 50mm | |
| Min. Bend Radius Long Term | IEC 60794-1-2 E11 | 20mm | |
| Torsion | IEC 60794-1-2 E7 | 5N ±180° 20 times, No visual crack of cable sheath. Additional loss ≤0.4dB@1550nm | |
| Repeat Bending | | 5N 200 times. No visual crack of cable sheath. Additional loss ≤0.4dB@1550nm | |
| Impact | IEC 60794-1-2 E4 | 0.5J 3 times, No visual crack of cable sheath. Additional loss ≤0.4dB@1550nm | |
| Temperature Cycling | | -10 ~ 50°C, 2 cycles, Additional loss ≤0.2dB/km | |
| Storage Temperature | IEC 60794-1-2 F1 | -10°C to +70°C | |
| Operating Temperature | IEC 60794-1-2 F1 | -10°C to +70°C | |
| SALES PACKAGE | | | |
|  | | <p>The product is packed in an environmentally friendly carton box, including the wall outlet and a bag of 10 pcs of 20mm cable clips together with an accessory bag (screws and plugs) for wall mounting.</p> | |
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| ORDERING INFORMATION | | | |
| P/N | DESCRIPTION | P/N | DESCRIPTION |
| TEN-FWO13-1SCAP-10 | FTTH wall outlet 13 with SC/APC adapter and connectorised invisible G657A2 cable 10m | TEN-FWO13-1SCAP-40 | FTTH wall outlet 13 with SC/APC adapter and connectorised invisible G657A2 cable 40m |
| TEN-FWO13-1SCAP-20 | FTTH wall outlet 13 with SC/APC adapter and connectorised invisible G657A2 cable 20m | TEN-FWO13-CLIP-50 | Accessory bag of cable holder units with length 20mm to fix the 0.9mm transparent cable on the wall. 1 bag with 50 pcs |
| TEN-FWO13-1SCAP-30 | FTTH wall outlet 13 with SC/APC adapter and connectorised invisible G657A2 cable 30m | | |

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TELESTE CORPORATION
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Enlighten FTTH Outlet Series TEN-FWO13_230913

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