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

TELESTE

enlighten OPTICAL PASSIVES / FTTH OUTLET SERIES

GENERAL SPECIFICATIONS

Material	ABS	Colour	White RAL9010
IP class	IP20	Operating Temperature	-20 ºC +60 ºC
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 ±180º 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 ~ 50ºC, 2 cycles, Additional loss ≤0.2dB/km
Storage Temperature	IEC 60794-1-2 F1	-10ºC to +70ºC
Operating Temperature	IEC 60794-1-2 F1	-10ºC to +70ºC

SALES PACKAGE

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.

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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