

Pre-terminated Compact Termination Box

Prysmian Part Numbers: See Table Below



The Pre-terminated Compact Termination Box is designed for use in residential and business applications. The wall box is supplied on a cardboard reel with a length of cable pre-installed in the factory. This process eliminates the need for splicing or fitting field mount connectors in the customer premises. The cable is simply pulled out of the box, back to the floor/riser box and the Compact Termination Box can be secured to the wall, without the need to open the unit. The standard drop cable is 4mm in diameter and contains between 1 and 4 G657A2 fibres, terminated with SC/APC connectors. The standard lengths of cable supplied are 30 and 50 metres. Other cable types and lengths can be supplied. Contact Prysmian for further information.

Features and Benefits

- Eliminates the need for splicing in the customer premises.
- The Compact Termination box is pre-terminated in the factory to a length of cable using SC/APC connectors.
- The standard cable lengths available are 30m or 50m. Other lengths can be supplied. Contact Prysmian for further information.
- The standard cable type supplied is a 4mm diameter LSZH cable containing an easy strip module, and up to four G657A2 fibres. Other cable types can be supplied. Contact Prysmian for further information.
- Compact & attractive designed termination box for interior wall mounting.
- Supplied with a bracket that enables the box to be mounted to the wall without removing the cover.
- The cable has a minimum bend radius of 10mm to allow cross wall routes and door corner routes inside the premises. All fibres are positively managed to maintain a 20mm minimum bend radius inside the CTB.
- Termination Box manufactured from fire resistant UL94-V0 rated material. Cable sheath is LSZH (Low Smoke Zero Halogen).
- Patchcords exit the termination box on the bottom face and are protected by the use of shuttered adapters.
- The standard termination box colour is white RAL9016. Other colours are available on request.
- Fully tested in the factory. Each box is supplied with data for insertion loss and return loss for each connector.

Kit Contents

- The termination box is supplied with the required cable length pre-terminated and wound onto a cardboard reel. The reel is supplied in a cardboard box and the cable can be spooled out directly from the box. Wall fixings are supplied with the box.

Additional Items

- None

Part Numbers

No. of Fibres	Cable Length	
	30m	50m
1	XCPSC01315	XCPSC01318
2	XCPSC01316	XCPSC01319
4	XCPSC01317	XCPSC01320

Note: All part numbers above are for SC/APC terminations. For different connector types contact Prysmian.

Technical Data – Termination Box

- Maximum Capacity: 4 Fibres
- Maximum no. of customer feeds: 4 Patchcords
- Required space envelope (mm): (l) 83 x (w) 100 x (d) 27
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material: FR ABS
- Colour: White RAL9016
- Testing:-
 - Optical: Tested 1310,1550 & 1625nm
 - Transportation: FT/RD/RESA/09/11/213 – 3.3
 - Installation: FT/RD/RESA/09/11/213 – 3.4
 - Climatic Storage: FT/RD/RESA/09/11/213 – 3.8
 - Impact: FT/RD/RESA/09/11/213 – 3.8
 - Cover Resistance: FT/RD/RESA/09/11/213 – 3.10
 - Tensile: FT/RD/RESA/09/11/213 – 3.12
 - Torsion: FT/RD/RESA/09/11/213 – 3.13
 - Insertion Loss: FT/RD/RESA/09/11/213 – 3.14
 - Climatic Testing: FT/RD/RESA/09/11/213 – 3.15

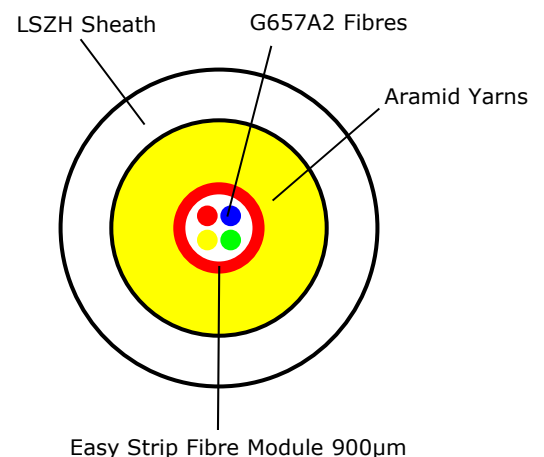
Logistics

- Packing Dimensions (mm): (l) 290
(w) 260
(h) 55
- Packed Weight (kg):
 - 30 metre 0.70
 - 50 metre 1.00
- Net weight (kg):
 - 30 metre 0.65
 - 50 metre 0.95
- Installation Instructions included

Cable Technical Data

The cable construction is BendBright XS G657A2 fibres coated with an easy strip buffering to 900 microns. The cable contains Aramid to provide strength and is over-sheathed with an LSZH (Low Smoke Zero Halogen) sheath. The fibre colour code is Red, Blue, Green, Yellow.

Description	Number of Fibres		
	1	2	4
Prysmian Cable Data Sheet Ref	TF501	TF501	TF502
Diameter (mm)	4.0	4.0	4.0
Net Weight (kg/km)	18.0	18.0	18.0
Minimum Bend Radius (mm)	10.0	10.0	10.0
Maximum Traction (daN)	40.0	40.0	40.0
Crush Resistance (daN/cm)	25.0	14.0	14.0
Fibre Type	G657A2 (BendBright XS)		
UV Resistance	Conforms to ST/FTR&D/7586ed2 4.2		
Fire Resistance	Conforms to EN 60332-1-2		
Temperature Range (C)	-30 to +70		



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