Pre-terminated CTB – Internal / External Cable

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 internal / external 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 external joint and the Compact Termination Box can be secured to the wall, without the need to open the unit. The standard drop cable is 5.8mm in diameter and contains between 1 and 4 G657A2 fibres (BBXS fibre), terminated with SC/APC connectors. The standard lengths of cable supplied are 50 and 100 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 cable is for use internally or externally.
- The standard cable lengths available are 50m or 100m. Other lengths can be supplied. Contact Prysmian for further information.
- The standard cable type supplied is a 5.8mm diameter with a HDPE sheath. It contains 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.
- 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 HDPE.
- 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.
- 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	
	50m	100m
1	XCPSC02051	XCPSC02052
2	XCPSC02053	XCPSC02054
4	XCPSC02055	XCPSC02056

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

Technical Data – Termination Box

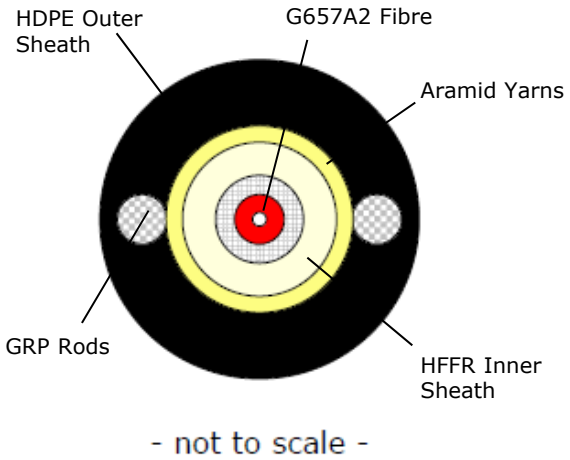
- Maximum Capacity: 4 Fibres
- Maximum no. of customer feeds: 4 Patchcords
- Required space envelope (mm): (l) 83 x (w) 100 x (d) 27
- Operating temperature: -20°C to + 50°C (5 to 95% RH)
- Material: FR ABS
- Colour: White RAL9016
- Testing:-
  - Optical: Tested 1310,1550 & 1625nm
  - Transportation: 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) 400
  (d) 150
  (h) 370
- Packed Weight (kg):
  - 50 metre 2.47
  - 100 metre 3.97
- Net weight (kg):
  - 50 metre 2.37
  - 100 metre 3.87
- Installation Instructions included

Cable Technical Data

Description	Value
Prysmian Cable Data Sheet Ref	TF561 and TF562
No of fibres	1, 2 or 4
Diameter (mm)	5.8
Net Weight (kg/km)	30.0
Minimum Bend Radius (mm)	60.0
Maximum Tension (daN)	80.0
Crush Resistance (daN)	200 / 100mm
Fibre Type	G657A2 (BendBright XS)
Temperature Range (C)	-40 to +70



Please contact your local sales office listed on **www.prysmiangroup.com**

© Prysmian Group 2013, All Rights Reserved.
The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.