CCBT – COMPACT CASALINK BLOCK TERMINAL®

prysmian

Product Design

Product code – see following pages

DESIGN & CONSTRUCTION

- Extreme compact design.
- Minimal visual impact.
- Quick and easy access.
- Drop cables can be field terminated
- Easy to install
- Perfect for hollow pole installations

PRODUCT DESCRIPTION

The Compact Casalink Block Terminal (CCBT) is a pre-connectorised ultra small enclosure designed for use in the external environment with an IP rating of IP68. The closure comes in any variation from 4 up to 12 drop in either inline or single end configuration. The enclosure can be supplied with various lengths of cable pre-installed into the box terminated on to SC adapters. Alternatively, the compact CBT can be supplied with a 1:4 or 1:8 splitter installed. The drops cables can be connected to existing CBTs or drop cables in the network using the Prysmian connector style. The closure is supplied sealed so the internal working cannot be tampered with. The closure is supplied with a separate mounted bracket to ease the installation when working at height.

Technical data

· Max capacity (fibres)	12	<u>Testing</u>:	
· Max number of drop cables:	12	· Dry Heat – IEC60068-2-2	
· Max diameter of drop cables:	5mm	· Change of Temperature – IEC60068-2-14	
· Output Tail lengths:	0.5m/0.8m	· Damp Heat – IEC60068-2-78	
· Required space envelope (mm):	Inline (h) 210 x (w) 64 x (d) 37	· Head Of Water – IEC60068-2-17 (Test QF)	
	Single end (h) 119 x (w) 64 x (d) 36	· Vibration – IEC60068-2-6	
Operating temperature:	-20oC to + 60oC (5 to 95% RH)	· Shock – IEC60068-2-27	
· Material:	10% Glass Filled Polypropylene		
· Colour:	Black		
· Cable:	Input – TC04715v1		
	Output Tight buffer PVC		

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Main characteristics

Kit Contents

The Compact CCBT supplied in a box with the specified length of Aerial drop cable pre-terminated with SC/APC Adapters pre-installed into the box. There is a back plate included in the packaging, along with all the relevant fixings. If the CCBT is ordered with a splitter pre-installed, then no feeder cable is provided.

Logistics

• Packing Dimensions (dia x width mm):
  - Inline w/reel   410 (dia)x 185mm
  - Without reel   400mm coil

• Packed Weight (kg):
  - With reel: TBC
  - Without reel: TBC

Part Numbers

Part Number	CCBT configuration	Input Length/cable	Output lengths	No. of Outputs	Splitter	Reel
XCPSC04657	Inline	300m/ULW	0.5m	12	None	Yes
XCPSC04658	Inline	300m/ULW	0.5m	12	None	No
XCPSC04659	Inline	300m/ULW	0.5m	8	None	Yes
XCPSC04660	Inline	300m/ULW	0.5m	8	None	No
XCPSC04661	Inline	300m/ULW	0.5m	4	None	Yes
XCPSC04662	Inline	300m/ULW	0.5m	4	None	No

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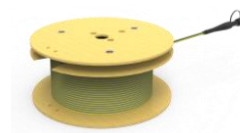 prysmian

Additional items

Hollow pole bracket

Brackets designed for mounting inside a hollow pole.
Contact your sales representative for customer specific logo applications.

Customer Drop Cables

A range of customer drop cables are available. The cables are available with different designs to suit your application. All cable designs are available in different lengths. Further Details Can be found on datasheet OP079.

CBT Connector Tool

The CBT Connector tool is used to loosen and tighten the shroud used on the customer drops or the input of splitter versions of the CBT. The tools are supplied in packs 5.
Part number: XKTSC01437

CBT Pole Strap Kit

The CBT Pole Strap kit is used to fix the CBT to a Pole. The Clamps are made from Stainless Steel for durability and Strength.
Part number: XCPSC03749

Aerial Cable Support

Multiple products can be supplied to support the cable during installation and to offer support to the cable during its life in service. These can be found on datasheet AA02.
Part number: Various – See datasheet AA002

Fibre Locking Device

Used to anchor the fibres within the central loose tube. These must be installed between the helical tension clamp and joint or building. Only required if not using CBT External Customer Termination Box MK1.
Part number: XJTSC02519

Customer Drop Cables – Termination Kit

If you prefer to terminate and alternative customer drop cable, then this kit is used to allow the fibre termination to interface with CBT.
Part number: XKTSC01442 (6mm Diameter cables)
XKTSC01443 (3mm Diameter cables)