CBT – CASALINK BLOCK TERMINAL®

Product Design

Product code – see following pages

DESIGN & CONSTRUCTION

- Compact design.
- Minimal visual impact.
- Quick and easy access.
- Drop cables can be field terminated
- Easy to install

For installation instructions please scan the QR Code

PRODUCT DESCRIPTION

The Casa Link Block Terminal (CBT) is a pre-connectorised closure designed for use in the external environment with an IP rating of IP68. The closure comes in three sizes, 4,8 and 12 Drop. The closure is supplied with various lengths of cable pre-installed into the box terminated on to SC/APC adapters. Alternatively, the CBT can be supplied with splitters installed, these can include unbalanced splitters allowing the connection of multiple boxes to one another, for more details on this contact your local sales office. The drops cables can be easily installed into the drop ports. 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	
• Max number of drop cables:	12	
• Max diameter of drop cables:	3 or 6mm	
• Required space envelope (mm):	12f (h) 176 x (w) 178 x (d) 129	
	8f (h) 176 x (w) 134 x (d) 129	
	4f (h) 176 x (w) 134 x (d) 92	
• Operating temperature:	-20oC to + 60oC (5 to 95% RH)	
• Material:	10% Glass Filled Polypropylene	
• Colour:	Black	

Testing:

- Dry Heat – IEC60068-2-2
- Change of Temperature – IEC60068-2-14
- Damp Heat – IEC60068-2-78
- Head Of Water – IEC60068-2-17 (Test QF)
- Vibration – IEC60068-2-6
- Shock – IEC60068-2-27

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Main characteristics

Kit Contents

The Casa Link Block Terminal is supplied on a drum 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 CBT is ordered with a splitter pre-installed, then no feeder cable is provided.

Logistics

- Packing Dimensions (mm):
  - With drop cable   330x420x420
  - With Splitter   185x185x135
- Packed Weight (kg):
  - With drop cable   6
  - With Splitter   1
- Net weight without cable (kg): 1

Part Numbers

4 Port CBT with Feeder cable

Part Number	Input Type	Input Length	No. of Outputs	Splitter
XCPSC04117	Pre-installed Cable TC04715v1	50M	4	None
XCPSC03741	Pre-installed Cable TC04715v1	100M	4	None
XCPSC04118	Pre-installed Cable TC04715v1	150M	4	None
XCPSC04119	Pre-installed Cable TC04715v1	200M	4	None
XCPSC04120	Pre-installed Cable TC04715v1	250M	4	None
XCPSC04121	Pre-installed Cable TC04715v1	300M	4	None
XCPSC04122	Pre-installed Cable TC04715v1	350M	4	None

8 Port CBT with Feeder cable

Part Number	Input Type	Input Length	No. of Outputs	Splitter
XCPSC04111	Pre-installed Cable TC04715v1	50M	8	None
XCPSC03740	Pre-installed Cable TC04715v1	100M	8	None
XCPSC04112	Pre-installed Cable TC04715v1	150M	8	None
XCPSC04113	Pre-installed Cable TC04715v1	200M	8	None
XCPSC04114	Pre-installed Cable TC04715v1	250M	8	None
XCPSC04115	Pre-installed Cable TC04715v1	300M	8	None
XCPSC04116	Pre-installed Cable TC04715v1	350M	8	None

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Part Numbers

12 Port CBT with Feeder cable

Part Number	Input Type	Input Length	No. of Outputs	Splitter
XCPSC04105	Pre-installed Cable TC04715v1	50M	12	None
XCPSC03926	Pre-installed Cable TC04715v1	100M	12	None
XCPSC04106	Pre-installed Cable TC04715v1	150M	12	None
XCPSC04107	Pre-installed Cable TC04715v1	200M	12	None
XCPSC04108	Pre-installed Cable TC04715v1	250M	12	None
XCPSC04109	Pre-installed Cable TC04715v1	300M	12	None
XCPSC04110	Pre-installed Cable TC04715v1	350M	12	None

Pre-connectorized splitter

Part Number	Input Type	Input Length	No. of Outputs	Splitter
XCPSC03917	SCA	N/A	4	C/W 1x4
XCPSC03888	SCA	N/A	8	C/W 1:8
XCPSC04088	SCA	N/A	12	1:12

Unbalanced splitter

CBT'S with unbalanced splitters are used for pass through scenarios. The CBT is fed through an SCA input port. Inside the CBT is an unbalanced splitter where a large percentage of power is used as an output to feed another CBT and the lower power side of the splitter feed the remaining 7 ports and the drops go directly to the subscriber.
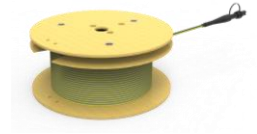
Part Number	High power output	Low power	Splitter
XCPSC03811	90	10	1:8
XCPSC04059	70	30	1:8

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Additional items

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

CBT External Customer Termination Box MK1

The CBT external customer termination box that allows the termination of the customer drop cable on the outside of the building. The box is IP55 rated and has a fibre locking system to counteract any cable loading. Dimensions 220x150x50. Further details can be found on Datasheet WM100.

Part number: XCPSC03744

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)