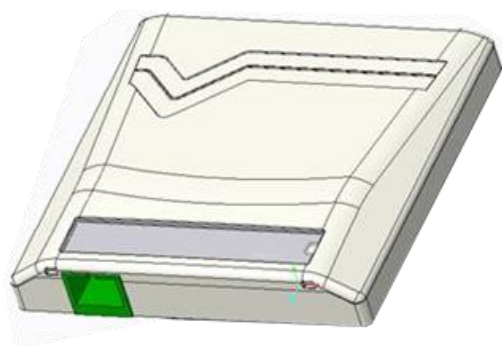


Pre-terminated Flat CTB kit for internal cables

Prysmian Part Numbers: See table next page



The Pre-terminated Flat Compact Termination Box (Flat CTB) kit for internal cables 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 Flat CTB can be secured to the wall or clipped on a DIN rail, without the need to open the unit. The Flat CTB is equipped with one SC/APC inner-shuttered adaptor. The cables are LSOH. The cable can easer be a «pull» type or a «push » type inside embedded duct and contains one fibre Bendbright XS (G.657.A2).The standard lengths of cable supplied are 30 and 50 metres. The Flat CTB allow to limit the esthetical impact inside the premises: Depth from the wall 12mm.

Features and Benefits

- The Flat CTB has a compact & attractive design for interior wall mounting. Standard color is white RAL9010.
- Eliminates the need for splicing in the customer premises.
- The front main contains a cut out for a label to be inserted and a further transparent cover is supplied to fit over the label.
- Removable main cover for easy access.
- The Flat CTB is pre-terminated in the factory to a length of cable using SC/APC connector. Fully tested, each box is supplied with data for insertion loss and return loss for the connector.
- The standard cable lengths available are 30m or 50m. Other lengths can be supplied. Contact Prysmianv for further information.
- The «pull» type cables (L1082-1) for duct installation or direct to the wall installation are LSOH, have a 4 mm nominal diameter, contains one fibre BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated.
- The «push» type cables (L1087-1) for duct installation are LSOH, have a 2,7 mm maximum diameter, contains one fibre BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated. All the accessories needed to push the cable are supplied within the kit.
- Cables can enter unit from rear, bottom, top, right hand side or left hand side.
- All fibres are positively managed to maintain a 15mm minimum bend radius.
- On the base, a fibre management allow one fusion splice.
- Patch cord exit the unit on bottom face and is protected by the use of inner-shuttered adapter.
- Supplied with 3 brackets for wall mounting (with screws or double face tape), for embedded electrical junction box or for mounting directly onto a DIN Rail.

Kit Contents

The Flat CTB 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

- Splice Protectors
- Adapters
- Pigtails

Prysmian Part Numbers

Pre-terminated Flat CTB kit equipped with « push » type cable

Prysmiangroup Part Number	Designation	Product Content
XCPSC03484	Flat CTB Kit 1FO L1087-1 30m	Flat CTB equipped with 1fo «push» type cable L1087-1, 30 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller with all the accessories required to push the cable inside a duct.
XCPSC03485	Flat CTB Kit 1FO L1087-1 50m	Flat CTB equipped with 1fo «push» type cable L1087-1, 50 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller with all the accessories required to push the cable inside a duct.

Pre-terminated Flat CTB kit equipped with « pull » type cable

Prysmiangroup Part Number	Designation	Product Content
XCPSC03486	Flat CTB Kit 1FO L1082-1 30m	Flat CTB equipped with 1fo «pull» type cable L1082-1, 30 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller.
XCPSC03487	Flat CTB Kit 1FO L1082-1 50m	Flat CTB equipped with 1fo «pull» type cable L1082-1, 50 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller.

Logistics

- Unroller Dimensions (mm): (l)280 (w)260 (d)55
- MOQ: 12 kits
- Transportation box for 12 kits (mm): (l)800 (w)300 (d)260
- Number of kits per Euro-palette (800x1200mm): 192 kits

Weight (kg):

Flat CTB Kit 1FO L1082-1 30m	0,35kg
Flat CTB Kit 1FO L1087-1 30m	0,20kg
Flat CTB Kit 1FO L1082-1 50m	0,95kg
Flat CTB Kit 1FO L1087-1 50m	0,50kg

Technical Data – Flat CTB

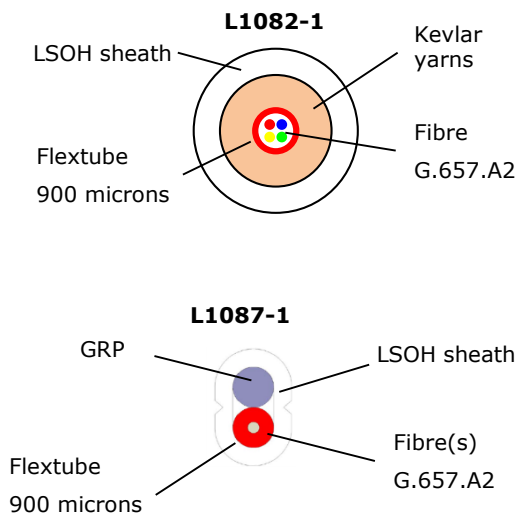
- Maximum input cable diameter(mm) : 5 mm
- Number of input cable port: 1
- Maximum Capacity : 1 connector type SC and 1 splice
- Dimensions (mm) : (l) 80 x (w) 80 x (d) 12
- Operating temperature : from -25 to +70°C
- Material/Color : ABS / White RAL9010
- Testing specification : FT_RD_WTC_14_03_70
- Inner-shuttered adapter type : SC/APC

Technical Data – Fibre Termination

- Connector type: SC/APC
- Insertion lost (IL) @ 1310nm and 1550nm : ≤0,35dB.
- Return lost (RL) @ 1310nm and 1550nm : ≥60dB.
- Nominal connector angle SC/APC : 8°
- Operating temperature : from -25 to +70°C
- Testing specification : FT/RD/RESA/06/04/253

Technical Data - Cable

Description	Number of fibres	
	1	1
Cable type	L1082-1	L1087-1
nominal diameter (mm)	4	2,7 x 1,9
Weight (kg/km)	16	7
Minimal bending radius (mm)	20	20
Maximal tention (daN)	40	15
Crush (daN/100mm)	15	10
Operating temperature (°C)	-30/+70	-5/+60
Fibre type	G657A2 (BendBright XS)	



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

© Prysmian Group 2016, 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.