

Pre-terminated CTB MK3 kit for internal cables

Prysmian Part Numbers: See table next page



The Pre-terminated Compact Termination Box MK3 (CTB MK3) 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 CTB MK3 can be secured to the wall or clipped on a DIN rail, without the need to open the unit. According to the configuration, the CTB MK3 is equipped from one to four SC/APC inner-shuttered adaptor. The cables are LSOH. The cable can be a «pull» type or a «push» type inside embedded duct and contains from one to four fibres Bendbright XS (G.657.A2). The standard lengths of cable supplied are 30 and 50 metres.

Features and Benefits

- The CTB MK3 has a compact & attractive design for interior wall mounting. Standard color is white RAL9010.
- Eliminates the need for splicing in the customer premises.
- On the front main cover a flip cover is available for an identification label.
- Removable main cover for easy access.
- The CTB MK3 is pre-terminated in the factory to a length of cable using SC/APC connectors. Fully tested, each box is supplied with data for insertion loss and return loss for each connector.
- The standard cable lengths available are 30m or 50m. Other lengths can be supplied. Contact Prysmian for further information.
- The «pull» type cables (L1082-x or L1088-2) for duct installation or direct to the wall installation are LSOH, have a 4 mm nominal diameter, can contain from one to four fibres BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated.
- The «push» type cables (L1087-xR) for duct installation are LSOH, have a 2,7 mm maximum diameter, can contain from one to four fibres 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.
- A splice tray is available when maintenance is needed, for up to 4 fusion splices.
- Patch cords exit the unit on bottom face and are protected by the use of inner-shuttered adaptors.
- Supplied with a bracket 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 CTB MK3 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.

Prysmian Part Numbers

Pre-terminated CTB MK3 kit equipped with « push » type cable

Prysmiangroup Part Number	Designation	Product Content
XCPSC02860	CTB MK3 Kit 1FO L1087-1R 30m	CTB MK3 equipped with 1fo «push» type cable L1087-1R, 30 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller with all the accessories required to push the cable inside a duct.
XCPSC02861	CTB MK3 Kit 1FO L1087-1R 50m	CTB MK3 equipped with 1fo «push» type cable L1087-1R, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller with all the accessories required to push the cable inside a duct.
XCPSC02862	CTB MK3 Kit 4FO L1087-4R 30m	CTB MK3 equipped with 4fo «push» type cable L1087-4R, 30 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller with all the accessories required to push the cable inside a duct.
XCPSC02863	CTB MK3 Kit 4FO L1087-4R 50m	CTB MK3 equipped with 4fo «push» type cable L1087-4R, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller with all the accessories required to push the cable inside a duct.

Pre-terminated CTB MK3 kit equipped with « pull » type cable

Prysmiangroup Part Number	Designation	Product Content
XCPSC02864	CTB MK3 Kit 1FO L1082-1 30m	CTB MK3 equipped with 1fo «pull» type cable L1082-1, 30 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
XCPSC02865	CTB MK3 Kit 1FO L1082-1 50m	CTB MK3 equipped with 1fo «pull» type cable L1082-1, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
XCPSC02866	CTB MK3 Kit 2FO L1088-2 30m	CTB MK3 equipped with 2fo «pull» type cable L1088-2, 30 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
XCPSC02867	CTB MK3 Kit 2FO L1088-2 50m	CTB MK3 equipped with 2fo «pull» type cable L1088-2, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
XCPSC02868	CTB MK3 Kit 4FO L1082-4 30m	CTB MK3 equipped with 4fo «pull» type cable L1082-4, 30 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 is supplied within the unroller.
XCPSC02869	CTB MK3 Kit 4FO L1082-4 50m	CTB MK3 equipped with 4fo «pull» type cable L1082-4, 50 meters length, wall box's end SC/APC pre-terminated. The CTB MK3 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):

CTB MK3 Kit 1FO L1082-x 30m	0,35kg
CTB MK3 Kit 1FO L1088-2 30m	0,35kg
CTB MK3 Kit 1FO L1087-xR 30m	0,20kg
CTB MK3 Kit 1FO L1082-x 50m	0,95kg
CTB MK3 Kit 1FO L1088-2 50m	0,95kg
CTB MK3 Kit 1FO L1087-xR 50m	0,50kg

Technical Data – CTB MK3

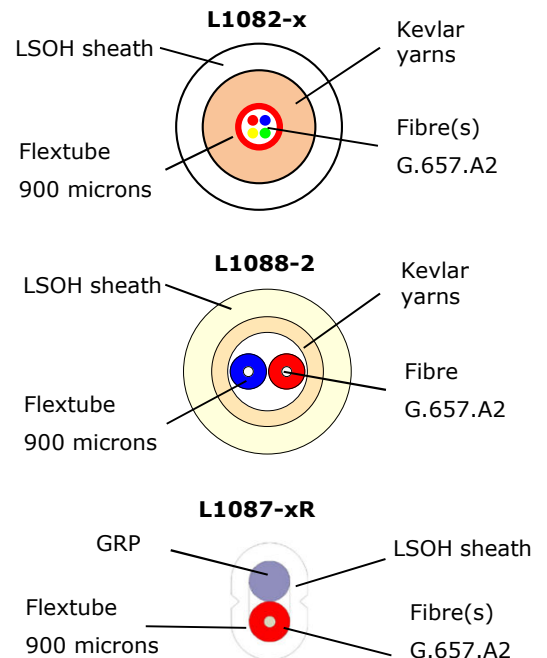
- Maximum input cable diameter(mm) : 5 mm
- Number of input cable port: 1
- Maximum Capacity : 4 connectors type SC and 4 splices
- Dimensions (mm) : (l) 80 x (w) 80 x (d) 28
- Operating temperature : from -25 to +70°C
- Material/Color : ABS / White RAL9010
- Testing specification : FT_RD_WTC_14_03_70
- 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	4	2	1	4
Cable type	L1082-1	L1082-4	L1088-2	L1087-1R	L1087-4R
nominal diameter (mm)	4	4	4	2,7 x 1,9	2,7 x 1,9
Weight (kg/km)	16	16	16	7	7
Minimal bending radius (mm)	20	20	20	20	20
Maximal tension (daN)	40	40	40	15	15
Crush (daN/100mm)	15	15	15	10	10
Operating temperature (°C)	-30/+70			-5/+60	
Fibre type	G.657.A2 (BendBrightXS)				



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