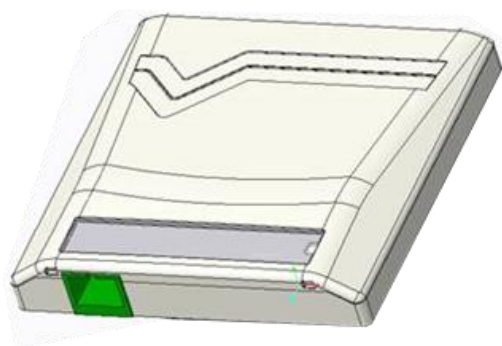


Pre-terminated Flat CTB kit for external cables

Prysmian Part Numbers: See table next page



The Pre-terminated Flat Compact Termination Box MK3 (Flat CTB) kit for external 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 for external use. The cable can either be an external type or internal/external type. The internal/external type contains one fibre BendbrightXS (G.657.A2). The standard lengths of cable supplied are 50 and 100 metres. The Flat CTB allows 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 each connector.
- The standard cable lengths available are 50m or 100m. Other lengths can be supplied. Contact Prysmian for further information.
- The internal/external cable type (L1083-1) has 6mm nominal diameter. It contains one fibre BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated. The cable has an external HDPE sheath that can be pulled to continue the installation, without interruption, with the internal LSOH sheath inside the premises. The cable can enter unit from rear, bottom, top, right hand side or left hand face.
- The external cable type (L1084-1) has a 5mm nominal diameter, HDPE sheath. It contains one fibre BendbrightXS (G.657.A2) in a 900 microns buffer, SC/APC pre-terminated. The cable can enter unit from the bottom face.
- All fibres are positively managed to maintain a 15mm minimum bend radius.
- On the base, a fibre management allows one fusion splice.
- Patch cord 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 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 internal/external cable

Prysmiangroup Part Number	Designation	Product Content
<i>XCPSC03488</i>	Flat CTB Kit 1FO L1083-1 50m	Flat CTB equipped with 1fo internal/external type cable L1083-1, 50 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller.
<i>XCPSC03489</i>	Flat CTB Kit 1FO L1083-1 100m	Flat CTB equipped with 1fo internal/external type cable L1083-1, 100 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller.

Pre-terminated Flat CTB kit equipped with external cable

Prysmiangroup Part Number	Designation	Product Content
<i>XCPSC03490</i>	Flat CTB Kit 1FO L1084-1 50m	Flat CTB equipped with 1fo external type cable L1084-1, 50 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller.
<i>XCPSC03491</i>	Flat CTB Kit 1FO L1084-1 100m	Flat CTB equipped with 1fo external type cable L1084-1, 100 meters length, wall box's end SC/APC pre-terminated. The Flat CTB is supplied within the unroller.

Logistics

• Unroller Dimensions (mm):	(l)400 (w)370 (d)150	Weight (kg):	
• MOQ:	32 kits	Flat CTB Kit L1083-1 50m	2.4kg
• Number of kits per Euro-palette (800x1200mm):	32 kits (H=880mm)	Flat CTB Kit L1083-1 100m	3.9kg
		Flat CTB Kit L1084-1 50m	1.6kg
		Flat CTB Kit L1084-1 100m	2.5kg

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

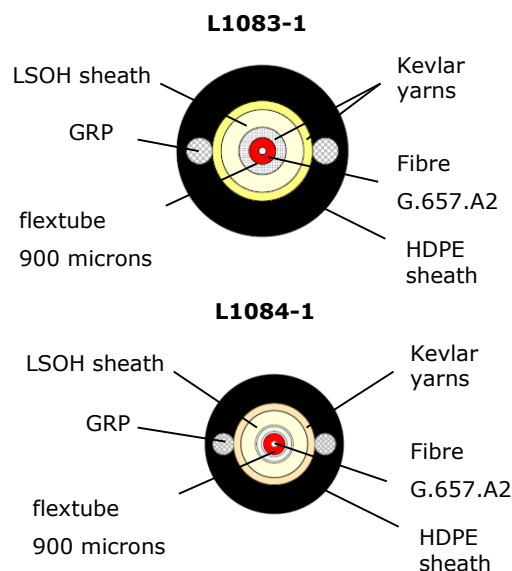
Technical Data – Fibre Termination

- 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	L1083-1	L1084-1
nominal diameter (mm)	6	5
Weight (kg/km)	30	20
Minimal bending radius (mm)	60	50
Maximal tention (daN)	80	80
Crush (daN/100mm)	20	20
Operating temperature (°C)	-40/70	
Fibre type	G.657.A2 (BendBright XS)	

Internal seath	L1081-1	L1081-1L
nominal diameter (mm)	3	2
Maximal tention (daN)	15	10



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