

INTERNAL/EXTERNAL FLEXI-TERMINATION BOX[®]



Product Design

Product code – see table below



DESIGN & CONSTRUCTION

- Modular design.
- Multiple configurations available.
- Quick and easy access.
- Easy to install.
- IP55 rated.
- Designed and manufactured in UK.

PRODUCT DESCRIPTION

The Flexi-termination box has been designed for internal/external use with up to 8 splice trays, an oval port and up to 48 inputs for up to 48 pre-terminated cables. Each splice tray can accommodate up to 24 fibre splices and the box can be configured with a loop storage area. The Flexi box is available without a lock, a lock for security can be ordered separately and fitted in the field and has a removable cover for improved access whilst splicing and routing fibres. The Flexi box utilises the same internal components as Prysmian external closures to simplify installation practises and save time.

Technical data

- Max capacity (fibres)
 - Without loop storage: 192f (1.3mm) 96f (2.2mm)
 - With loop storage: 96f (1.3mm) 48f (2.2mm)
- Max number of cable entries: 48 (2-3mm)
- Required space envelope (mm): (h) 345 x (w) 272 x (d) 105
- Operating temperature: -20oC to + 60oC (5 to 95% RH)
- Material: ABS (FR ABS white internal)
- Colour: Black, White, Grey

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

• Internal/external Flexi-termination box is supplied as a pre-configured box with all components as designated. Additional items can be supplied in the same package when ordered at the same time.

Logistics

- Packing Dimensions (h x w x d mm): 420x315x135
- Packed Weight (kg): 2.0
- Net weight (kg): 1.8



Entry system A
6 x M20



Entry system B
Oval + 8 x 6way



Entry system C
2x M25 + 8 x 6way



Entry system D
Blank

Part Numbers

*8 x 6way grommets come pre-assembled

Part Number	Fibre capacity	Entry system	Splitter	No. of adapters	Adaptor type	Loop storage	Int/Ext
XCPSC03960	48f	B	1:8	8	SC/APC SX	Yes	Internal
XCPSC03961	48f	B	1:8	4	LC/UPC DX	Yes	Internal
XCPSC03962	48f	B	1:8	8	SC/APC SX	Yes	External
XCPSC03963	48f	B	1:8	4	LC/UPC DX	Yes	External
XCPSC03964	48f	B	1:16	16	SC/APC SX	Yes	Internal
XCPSC03965	48f	B	1:16	8	LC/UPC DX	Yes	Internal
XCPSC03966	48f	B	1:16	16	SC/APC SX	Yes	External
XCPSC03967	48f	B	1:16	8	LC/UPC DX	Yes	External
XCPSC03968	96f	C	1:16	16	SC/APC SX	No	Internal
XCPSC03969	96f	C	1:16	8	LC/UPC DX	No	Internal
XCPSC03970	96f	C	1:16	16	SC/APC SX	No	External
XCPSC03971	96f	C	1:16	8	LC/UPC DX	No	External
XCPSC03972	96f	C	6x 1:8	24	LC/UPC DX	No	External
XCPSC03973	96f	C	6x 1:8	24	LC/UPC DX	No	Internal
XCPSC04015	48f	C		24	SC/APC SX	No	External
XCPSC04019	48f	C		12	LC/APC DX	No	External

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Additional Items

Cable Entry Glands

Part Number	Gland Type	Min Cable Ø	Max Cable Ø	Colour	Pack size
XJTSC02028A	Oval	5.0	7.0	Black	1
XJTSC02029A	Oval	7.1	9.0	Black	1
XJTSC02030A	Oval	9.1	11.0	Black	1
XJTSC02031A	Oval	11.1	13.0	Black	1
XJTSC01896A	Oval	13.1	14.8	Black	1
XKTSC00280	Single way M20	4	9	Black	5
XKTSC01476	Single way M20	6	12	Black	5
XKTSC01477	Dual way M20	4	6	Black	5
XKTSC01478	3 way M20	2.5	4.5	Black	5
XKTSC01479	Single way M20	11	14	White	5
XKTSC00279	Single way M25	9	17	Black	5
XKTSC00288	Single way M32	17.5	25	Black	5



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Additional Items

Item	Prysmian Part No.	Description	Image
POLE MOUNTING KIT	XKTSC01481	The pole mounting kit is for mounting the Flexi box to a pole or mast. The kit includes screws, a bracket and two metallic straps.	
SPLITTERS	XSPSC00666 (1x8 SCA)	A range of optical splitters are available to install into the joint. The splitters have 500mm input and output legs with 250-micron G657A1 fibre. For full technical information on the splitters refer to data sheet AC005.	
	XSPSC00667 (1x8 LCU)		
	XSPSC00668 (1x16 SCA)		
	XSPSC00669 (1x16 LCU)		
SPLICE PROTECTORS 1.3	XKTSC01284 (Pack of 12)	Splice protectors are used to protect the fibre splice. They are 1.3mm in diameter and 30mm in length.	
	XPESC00057 (Pack of 50)		
SPLICE PROTECTORS 2.2	XKTSC00050 (Pack of 12)	Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.	
	XPESC00053 (Pack of 50)		
SECURITY LOCK	XKTSC01482	Security lock can be retrofitted to the Flexi box cover to prevent unauthorised access to the box. The lock comes with 2 keys.	

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