

MEC32 - 1U 32fo Pre-terminated Splitter Pivoting Shelf

Prysmian Part Number: see below



The MEC32 is a 1U Pivoting shelf, suitable for mounting into 19" racks and street cabinets. The shelf can accommodate up to eight 1x4 or four 1x8 or one 1x32 pre-terminated splitters. The shelf is supplied with SC/APC adapters and splitters pre-installed.

Features and Benefits

- The MEC32 is a robust metallic shelf that can be mounted in racks for indoor applications or street cabinets for outdoor applications.
- Fits into standard 19" rails. Can be used in ETSI racks or cabinets using conversion brackets. Contact Prysmian for further details.
- The shelf is equipped with a metallic cover.
- The shelf is equipped with a 32fo front patch panel with 8 columns of 4 single SC/APC adapter positions.
- The shelf is equipped with one 12fo splice tray to splice the input fibres from the pre-terminated splitters. If the splitter input fibres are also pre-terminated, a patch panel is available inside the shelf for up to 8 SC positions.
- A drop down front panel protects and guides the patchcords.
- The pivoting support can fix up to two 5mm OD tubes/cables.
- The shelf is 1U in height.

Kit Contents

The MEC32 is supplied with all the fittings to fix the sub-rack to three 19" rails: two at the front and one at the rear.

PN: **XEXSCO2273** (right-handed pivot) 32 SC/APC adaptors 1x 1/32 splitter pre-terminated SC/APC 900 microns pigtails for the output fibres

PN: **XEXSCO2274** (left -handed pivot) 32 SC/APC adaptors 1x 1/32 splitter pre-terminated SC/APC 900 microns pigtails for the output fibres

PN: **XEXSCO2272** (left-handed pivot) 32 SC/APC adaptors, splitter holder for 1/4 or 1/8 splitters, no splitter pre-terminated

Additional Items

- Splice Protectors
- Contact your local Prysmiangroup sales team for:
- ETSI brackets
 - Pre-terminated splitters
 - Other configurations

Technical Data

• Number of cable ports:	2
• Maximum cable diameter (mm):	5
• Maximum number of splice trays:	1
• Patch capacity	32 + 8 SC
• Maximum fibre capacity :	12 (12fo x 1)
• Required space envelope (mm):	19" x 275mm (d) (240+35mm) H=1U
• Operating temperature:	-25°C to + 70°C (5 to 95% RH)
• Material:	Mild Steel, Painted light grey RAL 7035
• Testing:	
• Optical:	Tested 1310nm,1550nm and 1625nm
• Fibre bending radius (mm):	Minimum 15mm (ITU-T G.657 A2 fibre)
• Cable retention:	IEC 61300-2-4 [4]
• Thermal choc	IEC 61300-2-22 [12]
• Corrosion test	IEC 60068-2-11 [5]
• Vibration test	IEC 61300-2-1 Ed3 [2] .
• Cable retention	IEC 61300-2-4 [4] .
• Torsion test	IEC 61300-2-5 Ed3 [5]
• Flexion test	IEC 61300-2-37 Ed2 [13]
• Shock	IEC 61300-2-9 Ed 2.0 [7]
• Crush test	IEC 61300-2-10
• Fall test	IEC 61300-2-12 [8]
• Temp. cycling	EN 61300-2-22[12]

Logistics

• Packing Dimensions (mm):	600 x 400 x 120
• Packed Weight (Kg):	4.6
• Net Weight (Kg):	3.4
• Installation Instructions Included	

Additional Items

Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.

Prysmian Part No. - XPESC00053 (pack of 50)
- XKTSC00050 (pack of 12)



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

© Prysmian Group 2014, 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.