

## MEB144 - 4U 144fo Splice and Patch Pivoting Shelf

**Prysmian Part Number: XEXSC02270**



The MEB144 is a 4U left-hand pivoting shelf. It is suitable for mounting into 19" racks or street cabinets. The shelf can splice and terminate up to 144fo within six 24fo splice trays. The unit is supplied with 144 SC/APC pigtailed and adapters, which are pre-installed onto a patch panel.

### Features and Benefits

- The MEB144 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 144fo front patch panel.
- The patch panel contains 12 columns of 12 single SC connector positions.
- The shelf is equipped with six 24fo splice trays.
- A drop down front panel protects and guides the patchcords.
- The pivoting support can fix up to nine 5mm OD tubes/cables.
- The shelf is 4U in height.

### Kit Contents

The MEB144 is supplied with all the fittings to fix the sub-rack to three 19" rails: two at the front and one at the rear.

144 SC/APC adaptors

144 SC/APC 900 microns pigtailed

### Additional Items

- Splice Protectors

Contact your local Prysmiangroup sales team for:

- ETSI brackets
- Other configurations

## Technical Data

• Number of cable ports:	9
• Maximum cable diameter (mm):	5
• Maximum number of splice trays:	6
• Patch capacity	144 SC type connectors
• Maximum fibre capacity :	144 (24fo x 6)
• Required space envelope (mm):	19" x 275mm (d) (240+35mm) H=4U (178mm)
• 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 230
• Packed Weight (Kg):	9.7
• Net Weight (Kg):	8
• Installation Instructions not 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](http://www.prysmiangroup.com)

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