

## MEC128 - 3U 128fo pre-terminated splitter pivoting shelf

**Prysmian Part Numbers: See below**



The MEC128 is a 3U Pivoting shelf, suitable for mounting into 19" racks and cabinets. The shelf can accommodate up to four 1x32 or two 1x64 pre-terminated splitters. The shelf is supplied with SC/APC adapters and splitters pre-installed.

### Features and Benefits

- The MEC128 is a robust metallic 3U 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 128fo front patch panel with 16 columns of 8 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 4 SC positions.
- A drop down front panel protects and guides the patchcords.
- The pivoting support can fix up to nine 5mm OD tubes/cables.
- A version for this sub-rack, called MOB128, is available for pre-terminated cables. The sub-rack is supplied without adaptors, splice tray but is configured to store the fibre element from the cables. (PN: XEXSC02277 for left-handed version).

### Kit Contents

The MEC128 is supplied with all the fittings to fix the sub-rack to three 19" rails: two at the front and one at the rear.

128 SC/APC adaptors  
4x 1/32 splitter pre-terminated SC/APC 900 microns pigtails for the output fibres

### Additional Items

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

### Part Numbers

- **XEXSC02277** – Left Hand Pivot
- **XEXSC02278** – Right Hand Pivot

## Technical Data

• Number of cable ports:	9
• Maximum cable diameter (mm):	5
• Maximum number of splice trays:	1
• Patch capacity	128 + 4 SC
• Maximum fibre capacity :	12 (12fo x 1)
• Required space envelope (mm):	19" x 275mm (d) (240+35mm) H=3U (133mm)
• 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 Shock	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):	8.4
• Net Weight (Kg):	6.5
• 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](http://www.prysmiangroup.com)

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