





## 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 preterminated 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





### Rack mounted product



#### **Technical Data**

Number of cable ports: 9Maximum cable diameter (mm): 5

Maximum number of splice trays:

Patch capacity
 Maximum fibre capacity:
 128 + 4 SC
 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] . IEC 61300-2-4 [4]. · Cable retention · 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):Net Weight (Kg):6.5

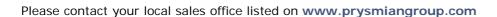
· Installation Instructions Included

### **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)



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