

Riser Box Multi Tray (RBMT)

Prysmian Part Numbers: See Below



The Riser Box Multi Tray (RBMT) is designed for use within apartment blocks and mid/high rise office blocks. The unit houses either eight splice trays, or 4 splice trays and a module storage area. Each splice tray is able to accommodate 8 fibre splices. An in-line cable entry port enables the box to be installed onto an in-line riser cable and up to 24 drop ports are available for drop cables of up to 5mm in diameter. The inner tray module can be moved from left to right enabling the riser cable to be installed into the box on either the left or right hand side.

Features and Benefits

- Allows splicing from in line or butt cables to customer drop cables.
- Suitable for two butt or one inline cable of up to 15mm in diameter.
- In line cables can enter/exit from the unit on the left or right hand side.
- 24 drop cables (OD 5 mm) or 32 drop cables (OD 4.2 mm) can be spliced. Drop cables exit the unit from the bottom face.
- The drop cable entries are suitable for cables or tubes from 2.5 to 5 mm in diameter.
- Available in two sizes – RBMT4 with 4 trays and a module storage section, or RBMT8 with 8 trays.
- Up to 8 fusion splices or 4 mechanical splices can be accommodated into each of the splice trays (total of 64 fusion or 32 mechanical splices for the RBMT8 and 32 fusion or 16 mechanical splices for the RBMT4).
- Can accommodate optical splitters. Contact Prysmian for further details.
- It's possible to re-launch a cable (OD up to 15 mm) from the bottom face.
- The Storage Area can accept up to 25m of 0.9mm fibre modules.
- Cable management ensures a 20mm minimum bend radius.
- Easily installed and fitted to the wall or inside a riser. Suitable for internal use only and manufactured from UL94-V0 rated material.
- Input and output cables are retained using cable ties.

Kit Contents

- The RBMT4 is supplied with a base, cover, 4 trays + a storage area, cable ties for fixing the in-line cable and wall fixings.
- The RBMT8 is supplied with a base, cover, 8 trays, cable ties for fixing the in-line cable and wall fixings.
- **Note** Splice protectors and cable ties to secure the drop cables are not supplied and must be ordered separately.

Additional Items

- Cable Ties (for fixing drop cables)
- Splice Protectors

Part Numbers

Product	Part Number
RBMT4 (4 Tray)	XCPSC01159
RBMT8 (8 Tray)	XCPSC01221

Technical Data

- No of Splice Trays: 4 (RBMT4), 8 (RBMT8)
- Max capacity (fibres): 32 (RBMT4), 64 (RBMT8)
- Max diameter of in line cable: 15mm
- Max number of drop cables: 24 (32 optional with smaller drop cables)
- Max diameter of drop cables: 5mm
- Required space envelope (mm): (h) 176 x (w) 130 x (d)60
- Operating temperature: -20°C to + 60°C (5 to 95% RH)
- Material: FR ABS
- Colour: White RAL 9016
- Flammability rating: UL94-V0

Logistics

- Packing Dimensions (mm): (h) 200
(w) 150
(d) 75
- Packed Weight (kg): 0.35 (RBMT4)
0.40 (RBMT8)
- Net weight (kg): 0.34 (RBMT4)
0.39 (RBMT8)

Additional Items

Cable Ties

Cable ties are used for securing drop cables in to the box. The cable ties are 100mm in length and 2.5mm wide.

Prysmian Part No. – XKTSC00370 (Bag of 100)



Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 2.4mm in diameter and 45mm in length.

Prysmian Part No. – XKTSC00050 (pack of 12)
XPESC00031 (pack of 50)



Mechanical Splices

Mechanical Splices are used to splice fibres together without the need of a fusion splicing machine. They are 4mm wide x 4mm tall and 40mm in length. An assembly tool and splice holder is required for installation. See Prysmian data sheet AC007 for further information on mechanical splices.

Prysmian Part No. – XKTSC00121 (pack of 50)



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