

ROE – 24 Customer Distribution Wall Box

Prysmian Part Numbers: - See page 2



The ROE is an optical distribution box typically used in large MDU's, for the connection of customer cables to a building cable, via optical splitter/s. The unit can be supplied as a plate to install inside existing indoor or outdoor wall boxes, or it can be supplied already configured inside a range of plastic boxes depending on the required usage. The unit can accommodate up to three splitters of up to 1x8 configuration. It is supplied with 4 SE splice trays. This provides a total capacity of 48 fusion splices.

Features and Benefits

- Stylish and attractive design for internal use.
- Can accommodate up to three splitters (1x4, 1x8, 1x16) for splicing to customer cables.
- The unit is supplied with 4 SE splice trays.
- Can be supplied as just a ROE Plate to install inside an existing wall box with optional bracket kits.
- Can be supplied contained inside a plastic wall box with a base, a cover, the ROE Plate and a keyed lock.
- For multi-operator systems it's possible to install into a plastic wall box with a 48 SC patch panel with a separate patch panel for other operators.
- Cable entry is via the left hand side of the unit.
- Customer Cables (multi fibre or single fibres) exit from the top or the bottom of the unit.

Kit Contents

- The Plate ROE (basic part of all ROE configuration) is supplied with the back plate, 4 SE splice trays, top and bottom cable entry accessories, a fixed 24 SC adapter panel for network cable and a hinged 24 SC adapter panel for the building cable.
- The plastic ROE – 24 Fibre is supplied with a plastic base, cover and the ROE 24 Master Plate inside.

Additional Items

- Splice Protectors 1.3mm
- Splitter Modules 1:4, 1:8, 1:16
- ROE Plate Bracket for TI Socrate B

Part Numbers

ROE 24 Master Plate

The ROE 24 Master Plate is a metallic unit composed of the back plate and a hinged panel. It hosts 4 single element splice trays. This provides a total capacity of 48 fusion splices. It's supplied with top and bottom cable entry accessories, a 24 SC adapter panel on the back plate for terminating a 24 FO network cable, the anchoring points for 3 splitter modules (1:4, 1:8 or 1:16), a parking area for up to 15 connectors and a 24 SC adapter panel for terminating the 24 FO riser cable.

The Unit is suitable for Telecom Italia "Socrate" Wall Boxes line C and B (for this it's recommended an optional bracket) and for telecom Italia "ST 872" Wall Boxes.



ROE 24 Master Plate

Version without adapters: Prysmian Part No. – XCPSC01446

Version with 48 adapters: Prysmian Part No. – XCPSC01507



ROE 24 Master Plate inside an existing Telecom Italia Wall Box

Plastic ROE 24 Master Int / Ext Wall Box

The Plastic ROE 24 Master Wall Box is supplied with a plastic base, cover and the ROE 24 Master Plate inside. It's suitable to be installed indoor or outdoor. This unit becomes a Multi-operator System when it's installed with the Adapter Panel OLO Wall Box.

Prysmian Part No. – XCPSC01445



Technical Data

- Number of splice trays: 8
- Number of splitters: 3
- Maximum number of splitter outputs: 24 (e.g. three 1x8 or one 1x16 and one 1 x 8 or three 1x4)
- Maximum number of fusion splices: 48
- Required space envelope (mm): (w) 220 x (h) 240 x (d) 90.
- Operating temperature: -20°C to + 50°C (5 to 95% RH)

Additional Items

Heat Shrink Splice Protectors

Splice protectors are used to protect the fibre splice. They are 1.5mm in diameter and 30mm in length.

Prysmian Part No. - XPESC00057 (pack of 50)



Splitter Modules 1 : 4 , 1 : 8 , 1 : 16

Splitter Modules with input and outputs connectorised SC- APC to install on all the ROE Master Versions supplied with the SC adapters for the input and for all the outputs.

Splitter Module 1 : 4 : Prysmian Part No. - XCPSC01258

Splitter Module 1 : 8 : Prysmian Part No. - XCPSC01259

Splitter Module 1 : 16 : Prysmian Part No. - XCPSC01260

Splitter Module 1 : 4 with 5 SC-APC Adapters: Prysmian Part No. - XCPSC01281

Splitter Module 1 : 8 with 9 SC-APC Adapters: Prysmian Part No. - XCPSC01282

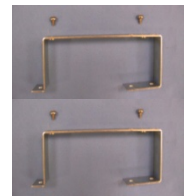
Splitter Module 1 : 16 with 17 SC-APC Adapters: Prysmian Part No. - XCPSC01283



Bracket Kit for Telecom Italia "Socrate" Wall Box - line B

This optional item is useful (not mandatory) for installing the ROE 24 Master Plate in a more comfortable way.

Prysmian Part No. - XKTSC00378



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