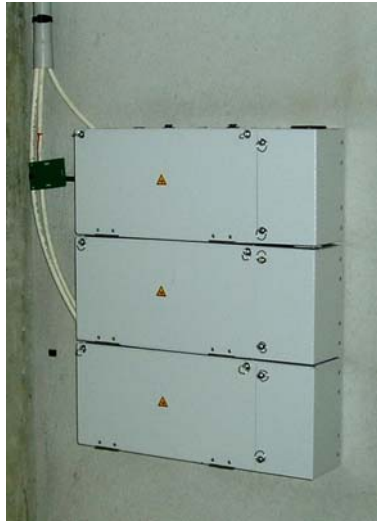


Multi-Operator MDU Distribution Box (MMDB)

Prysmian Part Number: contact sales office

Configuration example: two customer modules (up to 48 premises) and one operator module



Configuration example: two customer modules (up to 48 premises) and operator A module + operator B module

The OAsys **Multi-Operator MDU Distribution Box (MMDB)** allows the connection of several operators on a mutualised network inside buildings. This **MMDB** can be installed in the building basement. It allows mutualising the vertical backbone building cabling (cabling from building basement to the connection housing on the floors) and the management of the fibres issued from the network of several operators.

The **MMDB** has a modular designs with two different modules configurations: a **Customer module** to terminate the vertical cable(s) feeding the premises and an **operator module** to terminate the external network cable(s).

Features and Benefits

- The customer module can be equipped with up to 24 splices and patching for SC/PC or SC/APC type connectors (optional for 36 SC).
- The operator module can be equipped with up to 24 ruggedised pigtails.
- The customer and operator modules are mechanically linked together creating a patching channel to route the fibres with ruggedised pigtails from one module to another.
- Depending on the building typology several Customer modules can be added on top of each other.
- In case of mutualised vertical backbone building cabling, two or more operators can use separated operator modules to connect to the same customer module.
- The operator module accepts loop cables for a daisy chain installation.
- A dedicated storage area is available inside the operator module for non connected pigtails
- To limit the access to the modules, each module has two separate doors, one for the splicing area and one for the patching area, secured with an Allen key.
- Four Single element trays are available per module.
- All cables are safely secured inside each module.
- Within the modules, all fibres are positively managed to maintain a 30mm minimum bend radius.
- The customer module can accommodate a variety of different connector types.

Kit Contents

The Multi-Operator MDU Distribution Box is supplied with the customer or operator modules packed separately.

The customer module is supplied fully loaded with 24 SC pigtails.

Additional Items

- 2mm OD ruggedised pigtails
- 900 microns pigtails
- Cable Fixing and Routing components
- Splice protectors

Part Numbers

Please contact Prysmian sales office

Technical Data

- Number of ports:
 - Operator module: x2 inlet cable entries
 - Customer module: up to x4 inlet cables
- Required space envelope (mm): 440(l) x 175(h) x 102(d) mm
- Material:-
 - Metalwork: Mild Steel
 - Plastics: FR Polymer
- Finish:-
 - Metalwork: Painted light grey (RAL 7035)
 - Plastics: Grey/black

Logistics

- Packing Dimensions (mm): (l) 500 x (w) 200 x (d) 200
- Packed Weight (kg): 3.1
- Net weight (kg): 2.5
- Installation Instructions included

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