

A detailed view of an optical distribution frame (ODF) in a telecommunications room. The frame is a dark grey metal structure with multiple horizontal slots. Each slot contains a white plastic patch panel with numerous green fiber optic ports. A dense bundle of yellow fiber optic cables is plugged into these ports. In the foreground, a large, white, ribbed cable management tray is visible, with a red and black cable running through it. The background shows more of the same equipment, creating a sense of depth and scale.

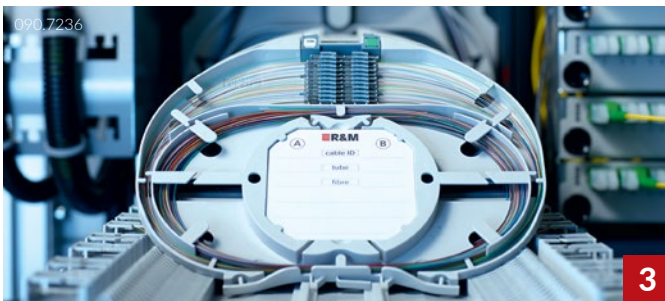
Optical Distribution Frame SCM

Modular and Independent

ODF-SCM

Simple and Reliable

Fiber optic networks want to keep growing no matter where they are. The ODF-SCM (R&Mfoxs) is the application-independent solution for projects of every type and scale. With the ODF-SCM, fiber optic networks can undergo unlimited modular growth coupled with Splicemodule, Patchmodule or CombiMODULE and the R&M Single Circuit Management System (SCM). Maintenance and fiber management in the ODF and in the splice and patch units are as simple as installation.



1 Functional rack

The ODF-SCM fiber optic distribution frame from R&M is an ETSI-conforming rack and offers much leeway for quick assembly and maintenance.

2 Flexible modules

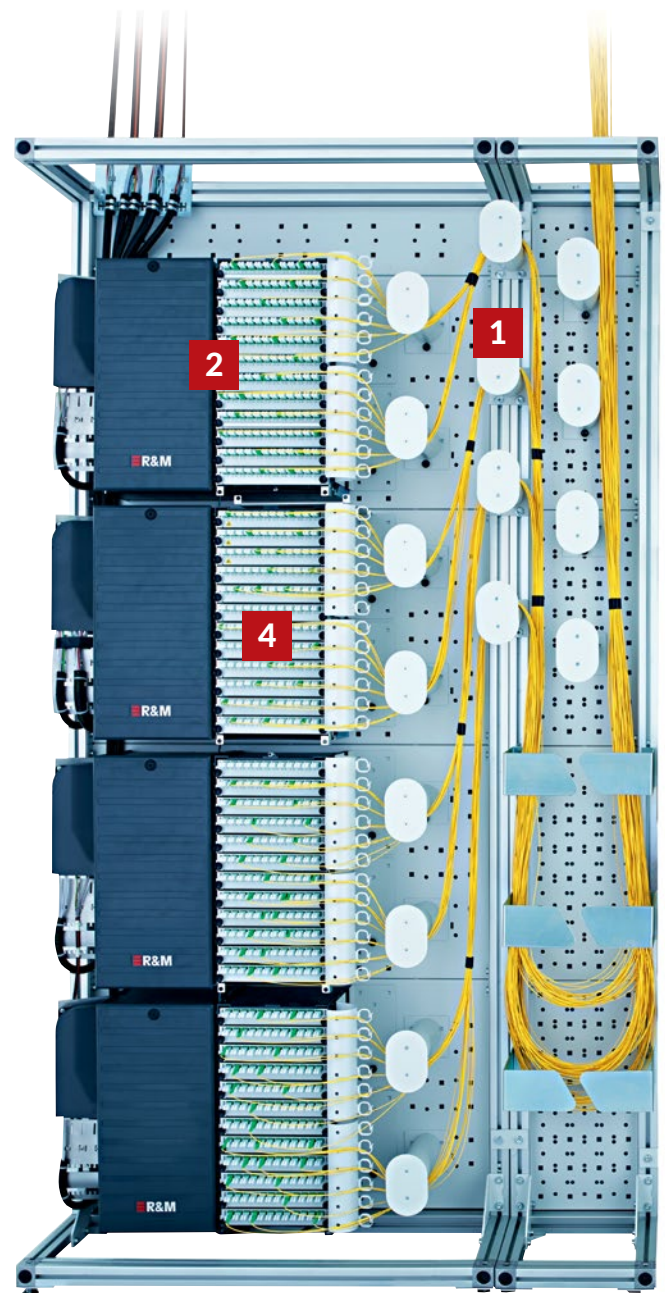
You configure and scale the distributor as required using the Splice- MODULE, PatchMODULE or CombiMODULE platforms.

3 Handy trays

The R&M Single Circuit Management System (SCM) with its handy multifunctional trays makes masterful fiber management possible.

4 Compact inserts

For patch, splitter and CWDM configurations there are compact patch inserts fitted with system pigtail or passive network elements. They support all typical applications and topologies.



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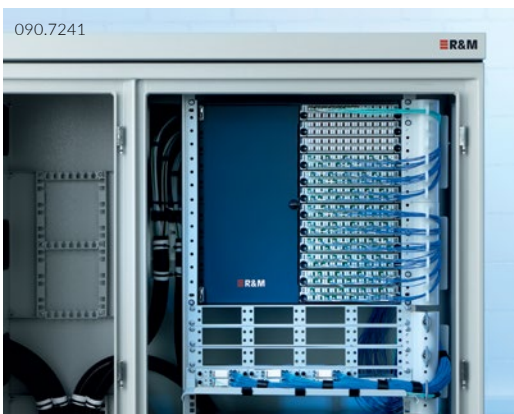
Complete solution for main distributor frame

When combined with the Splicemodule, Patchmodule or CombiMODULE platforms and the R&M Single Circuit Management System (SCM), the ODF frame offers a flexible and total fiber optic solution for network operators. Possible operating settings are exchanges, hubs or collocation rooms. The frame consists of light-weight, easy-to-mount aluminum sections and sturdy metal rear panels. Almost no tools are required to fit the ODF modules and cable management elements. Up to 4608 splice or 2304 plug connections fit in an ETSI-conforming cabinet configuration 900mm by 300mm by 2200mm in size. The ODF system is the solution for efficient FTTX expansion in tandem with the R&Mfoxs cabling program.



Flexibility for 19" racks

The 10U 19" CombiMODULE from the ODF program fits into any 19" rack. It can be installed from the front. The two-part basic housing occupies 10 height units. The flexibly configured platform distributes optical fibers in broadband networks or buildings, at building entry points or data centers, in campus networks or industrial facilities. Two SCM splice holders are fitted for splice cabling. They accommodate 96 SC or 48 SE trays or 1152 fiber connections. In a combined solution, splice and patch units are placed next to each other. The patch unit accommodates 12 inserts for up to 576 plug connections or high-density splitter inserts or CWDM inserts.



Perfect fit for street cabinets

Fiber To The Home advances more quickly with the high-density solutions for street cabinets from the ODF program. Splicemodule, Patchmodule or CombiMODULE – pre-terminated with inserts or components from the SCM system family – can be integrated in the housing effortlessly. There are special rear panels as holders for the standard ODF modules. They can be integrated into sufficiently deep existing cabinets with retrofit kits from R&M. Depending on how large the street cabinet is, several ODF modules may be able to be mounted with a packing density of up to 576 fiber optic terminations. The 40 mm bending radius facilitates handling while also providing reliability and helping to ensure quality transmission.



Diversity

- Migration both to existing and new network infrastructures
- Front or rear mounting in 19" and ETSI racks
- Modular application (pure splice, splice patch, breakout applications)



Easy and time-saving installation

- Short fiber connections between splice and patch module
- No tools needed
- Easy drop arrangement
- Open fiber guidance
- Smart hinge down splice element



TCO reduction

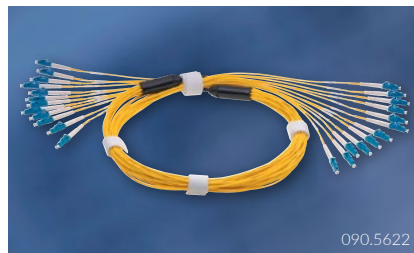
- Excellent subscriber and cable management saves on maintenance costs
- Strainless fiber guidance ensures data security
- Scalable investments thanks to modular configuration

Complementary products



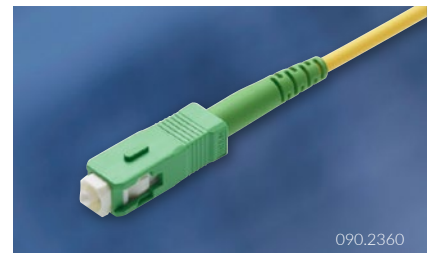
Raceway

Fast and reliable fiber guidance between optical network components.



Pre-terminated cables

Plug-and-play solution enables simple installation of multifiber cable connections indoors.



Patch cords

Enables fast patching of local connections.



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