

## Your added value

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## Street Cabinet SCM

### get more

#### More growth

- Rapid and profitable network expansion
- Simple FTTH solution
- Future-proof performance
- Use of existing resources

#### More efficiency

- Modular principle
- Easy scalability
- Transparent management
- High level of operational reliability

#### More convenience

- Quick tool-free assembly
- Easy to operate
- Clear identification
- Minimal maintenance



#### STREET CABINETS FOR THE FUTURE

Out there in the field a new age is dawning. Next Generation Networks are spreading. Street cabinets are gaining a new significance as outposts for fiber optic distribution in urban and rural areas.

But network operators need the best ideas to organize FTTH expansion efficiently and flexibly at locations that may be widely scattered. R&M's answer is the street cabinet solution with the Single Circuit Management (SCM) system. The modular principle and ingenious quick-assembly technology simplify both the installation at new locations and the retrofitting of existing cabinets. Now there is no limit to the extent fiber optic networks can expand.

#### A BREAKTHROUGH IN THE FIELD

This is the breakthrough providers have been waiting for when it comes to the installation of new fiber optic platforms in street cabinets. The Splice or Splice/PatchMODULES from the SCM system family are fitted into the cabinet housing in no time at all, be it a new cabinet or an upgrading of a cross connection cabinet. With snap-in technology, special tools are now superfluous.

All further steps are just as simple and quick for installers to master: feeding in cables and fibers, inserting splice trays for fiber management, splicing, patching, connecting up to 1152 subscribers per cabinet. And since the solution supports all typical expansion concepts, providers retain full control of all strategy decisions. Single Circuit Management by R&M – the complete solution for standardized fiber management in the Access Network.

#### INVESTMENTS TAILORED TO REQUIREMENTS

Another benefit of the Cross Connection Cabinet solution for FTTH projects is that investments are made only as required. The modular SCM system ensures easy scaling. That means network operators are able to respond flexibly and at any time to the growth in subscriber numbers. The overall design of the street cabinet solution

is just as flexible, which means virtually any type of street cabinet can be adapted. Existing installations can be used as before, and that in turn eases the burden on investment budgets.

Another key factor in the total cost of ownership is the future-proof 40mm bending radius. With its favorable attenuation properties it not only ensures long-term operational reliability but also paves the way for optimum performance in future high-power and xWDM applications. From cable management to patch panels the 40mm bending radius is guaranteed throughout, even in high packing densities. That is unique on the market.

#### UNCOMPROMISING QUALITY

Only the best for high-performance broadband networks. The passive infrastructure – Layer 1 – has to be absolutely reliable. Its quality uncompromising. Its design robust yet lightweight. Its handling simple and easy. Its assembly efficient, user-friendly and logical... all minimum prerequisites designed to prevent errors right from the outset. The noticeable boost in productivity is just as essential. All these aspects were key to the development of the SCM street cabinet solution.

You too can benefit from the added value of high performance R&M products and top quality made in Switzerland.

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Poland  
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Czech Republic  
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Effective

### Insert and snap-in

Tool-free field assembly. The modules of the Single Circuit Management (SCM) family are secured with minimal effort. Insert the module holders, snap-in the components, and the platform is ready.



### Splice and patch

The choice of configuration is yours. Whether it is a SpliceMODULE or Splice/PatchMODULE – the SCM family has a solution for every connection and location situation, connecting up to 1152 fibers per cabinet.



### Modular and efficient

Efficiency is the focal point. The modular SCM tray technology is handy, logical and scalable. It provides easy access to each fiber and simplifies subscriber management. Watch as your FTTH project grows with each tray.



### Consistent and reliable

Eject risk and insert availability – for a future without worries. Flexible labeling, color coding and numbering ensure that each subscriber is connected correctly. The 40 mm bending radius is the guarantee for future applications.



### Variable and versatile

Flexibility is intelligent. And variable cable management resolves every space issue. The choice of arrangement is yours – even when retrofitting and adapting. Whether it is blow-in or loose tube cabling – everything fits.



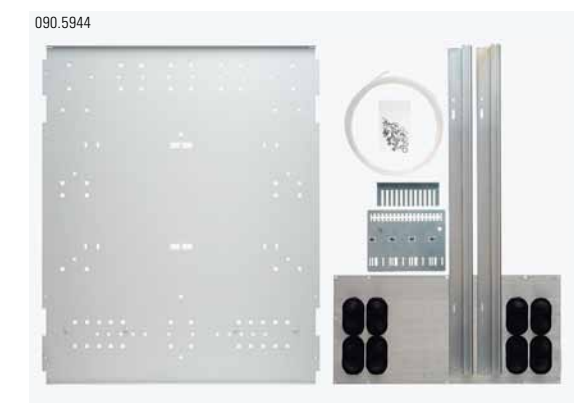
### Flexibility with SCM cabinets from R&M

They are the milestones on the road to the Next Generation Networks. New street cabinets are an indicator of how far FTTH has progressed in city areas and rural locations. R&M provides the sturdy SCM cabinets for flexible expansion in the field. They in turn provide network operators with the development options they need, with the possibility of fitting the cabinets with units from the modular Single Circuit Management System as required. The SCM 4 and SCM 8 each hold one Splice and Splice/PatchMODULE with up to 24 trays; the SCM 15, two Splice/PatchMODULES with up to 48 trays. A trail-blazing high-density solution for the management of up to 1152 subscribers.



### Cost-effective retrofitting

Time for an upgrade. Tried-and-tested street cabinets are also suitable for the FTTH age. The solution comes from R&M. The Cross Connection Cabinet System can be integrated in virtually all existing street cabinets. The only requirement is that your cabinet has sufficient space. R&M provides Design-In as a complete solution with the matching mounting plates, retrofit sets and pre-terminated modules. This in turn saves the time and costs involved in building new units. As a result fiber optic networks are able to expand freely, quickly and profitably. Installation and maintenance, connecting up entire streets and groups of subscribers... executed with the utmost efficiency thanks to the Single Circuit Management System from R&M.



### Reliable performance

A 40 mm bending radius is key to a lastingly reliable signal transmission, and with the Splice and Combimodule it is guaranteed in every situation. Something no other solution on the market can achieve. With its favorable attenuation loss characteristics, the 40 mm bending radius paves the way for optimum performance in future high-power and xWDM applications. Crossover-free fiber management, numbering, color coding and marking with large interchangeable labels boost transparency and operating reliability.

