

Your added value

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Splice Closure SCM

get more

More growth

- Rapid network expansion
- Flexible FTTH solution
- Future-proof performance
- High level of integration

More efficiency

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

More convenience

- Quick tool-free assembly
- Easy operation
- Clear identification
- Minimal maintenance



JUST THE SOLUTION FOR THE LAST MILE

Fiber to the Home (FTTH) is the future. Yet full-coverage fiber optic cabling poses challenges for network operators. The last mile has to be covered as efficiently, cheaply and quickly as possible. New infrastructures tailored to sites in the field must be connected seamlessly to existing networks. Totally new solutions that are simple and reliable have to be found to manage individual fibers and subscribers. Network operators need the best ideas in order to organize the extensive FTTH expansion flexibly. R&M's answer is the splice closure with the Single Circuit Management (SCM) system. Now there is no limit to the extent fiber optic networks can expand.

THE ALL-ROUNDER FOR FTTH

Advancing to the remotest corner of a supply region can be so easy. With the splice closure SCM from R&M, network operators have a convincing all-round solution for FTTH projects. Their playing field is wide-ranging, from street shafts and ducts to ditches and poles. The unique cabling solution from R&M is a key product for closing that last mile.

Its most important component is the Single Circuit Management (SCM) platform. With this innovation from R&M, network operators can take a quantum leap forward in handling and efficiency. Fibers are laid, looped through and spliced in record time. Fiber management free of cross-overs and the gentle 40mm bending radius are ensured throughout, just the right prerequisites for long-term operating reliability and perfect performance. The quick-assembly technology is so user friendly, special tools become superfluous. Each and every fiber is easy to access. Numbers, color codes and labels make fiber management all the more reliable.

INVESTMENTS TAILORED TO REQUIREMENTS

The SCM platform has modular scalability to meet individual needs. Network operators invest only in the features they really need. That means they are able to respond flexibly and at any time to growing numbers of subscribers.

Trays and subscriber connections can be added as easily as can be. The SC (Single Circuit) tray – holding up to 12 fibers – is the unit for each building, floor or customer. The SE (Single Element) tray is a solution for splicing through with heat-shrink or crimp technology and even accommodates 24 fibers – ideal for the 24-fiber loose tube. This is great backup supply for entire streets. All in all, the SCM platform connects and distributes from 144 up to 1152 fibers in a single splice closure. This scale is unique and a solid foundation for a profitable FTTH future.

The new small, the medium and large version of the splice closure fit seamlessly into the existing infrastructures. They are compatible with common types of cable, whether loose tube or blow-in cable, micro or mini cable. R&M delivers individually customized configurations as required. The closure solution supports all typical expansion approaches.

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Variable

New family member

With the new small (144/288) SCM Closure R&M completed the portfolio for everybody's network challenges. Small and smart the new member nearly fits everywhere.



Fiber to the Home everywhere

The success of FTTH is decided in that last mile in the field. The splice closure with Single Circuit Management (SCM) platform from R&M helps network operators cover that last mile everywhere, regardless of terrain.



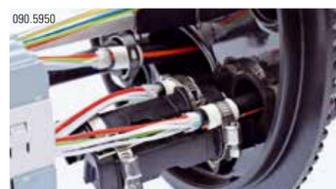
Scalable system

The multi-functional carrier module in the SCM platform grows right along with requirements. To multiply capacity, you simply connect the components together. The closure system accommodates from 144 up to 1152 fibers.



Modular configuration

High packing density in the tiniest of spaces. Up to 96 Single Circuit (SC) trays for 6 or 12 fibers each or 48 Single Element (SE) trays for 24 fibers each or splitter trays can be connected in the module in any desired combination.



Seamless integration

Although sites and expansion plans can vary greatly, the splice closure can be integrated seamlessly in every network. That is because R&M designs closure floors to customer specification.



Individual expansion of fiber optic networks

The expansion of FTTH succeeds as long as the infrastructures can be produced as easily and efficiently as possible. But the last mile often requires customized solutions. A balancing act? Not for the splice closure from R&M. With this product, network operators have greater leeway in designing their access network. The closure allows them to rise to any challenge, even in the outermost reaches of their supply region. The sturdy special housing performs its tasks in ducts and street shafts as well as on poles or overhead lines. Ingenious quick-assembly technology from R&M simplifies fine distribution in the field. The advanced SCM tray system supports any combinations.

Future-safe service for subscribers

Full-coverage ultra-broadband Internet service is a grand generation project and FTTH is a market with opportunities. The Single Circuit Management (SCM) family from R&M provides network operators with a reliable and carefree takeoff into the future. For the first time, there is a simple and progressive fiber management system available for all network levels. Installation and maintenance, the connection of entire streets and individual subscribers – all this can be done with a flick of the wrist. The high packing density of 1152 fibers per closure meets all open access requests. That means networks can continue to be operated profitably and in line with market needs in the future.

Ensuring high availability

Next generation networks pose enormous challenges. Visionary value-added services and new media require maximum performance. Loss-free signal transmission at all times is a prerequisite for high powered and xWDM applications. The operational reliability of fiber optic cabling is becoming more important than ever. A decisive factor is the 40 mm bending radius. It has a favorable and lasting effect on attenuation behavior. With the SCM solution from R&M, the 40 mm radius is ensured from end to end, even if the capacity of the splice closure is fully utilized. Further key factors for enduring high availability are Swiss precision and the cutting-edge premium quality from R&M. The path to FTTH has never been so reliable.