

Your added value

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Raceway System

## get more

### More safety

- Sturdy component construction
- All-round protection for optical fibers
- Guaranteed bending radius of 30 mm
- Higher network availability
- Material with minimal impact on environment

### More efficiency

- Smart, lean range
- Flexible, modular system
- Snap-in installation
- Seamless expansion and retrofitting
- Compatible with non R&M systems

### More success

- Reductions of up to 50 % in installation and maintenance costs
- Protects investments in existing cable raceways



### RELY ON SMART CABLE RACEWAYS

Operators of broadband networks and data centers prefer taking the fast, efficient route. That is also true of raceways in central installations and distribution sites. The installation and re-equipping of fiber optic raceway systems have to proceed as smoothly as possible to save time for productive tasks. You can now switch to the passing lane when it comes to cable raceways. With the Fiber Optic Raceway System from R&M, you take the lead in managing fiber optic links while adding benefits for your own operation. The R&M Raceway System has a smart design: safe, fast, efficient, free of stress, modular, customized and easy as can be to handle.

### COMPLETE MODULAR SOLUTION

The demand for bandwidth and high-performance data transfer is growing everywhere, in data centers and storage centers, central offices and co-location points, hubs and header stations. This growth requires ever more fiber optic cables. Raceway systems are now established as platforms for guiding and managing a large number of fibers. With the R&M Fiber Optic Raceway System, users now have available to them a complete modular solution. Along with smartly designed quick installation and a lean range, this system excels in comprehensive safety and top quality.

Raceway systems pick up the optical fibers at the building transition point or entrance and guide them separately through the unprotected areas of the building to the distribution rooms and operational zones. They ensure protected cable guidance in double floors and above the rows of racks for distribution, servers and storage areas. The raceway installation has to provide all-round protection for the sensitive FO cables in these areas but remain flexible enough to support the frequent changes and additions to cabling.

The modular design of the R&M Raceway Systems ensures this degree of flexibility. The capacity of a network can be expanded with ease at any time to meet requirements.

### COMPLETE MODULAR SOLUTION

The range is lean, clearly divided and practical, allowing customized installation no matter what the building or application situation. Express outputs can be attached anywhere along the main duct for quick and spontaneous assembly and for guiding the fibers in an optimum radius out of the duct. The cable duct itself does not have to be interrupted or cut in sections.

Compared to other widespread solutions on the market, the R&M Fiber Optic Raceway System drastically cuts costs. Installation and maintenance expenses can be reduced by as much as 50 percent.

### SAFETY AND SECURITY FOR ALL

The compelling safety and security features in the R&M Raceway System benefit everyone involved: personnel, company and the optical fibers. Operational reliability and network availability reach unprecedentedly high levels.

The indestructible PC/ABS plastic out of which the raceway components are made can withstand all typical mechanical, chemical, climatic and electrical dangers. Along with having minimal environmental impact, this halogen-free material is cited according to UL 2024, satisfies the Restriction of Hazardous Substances Directive and is flame retardant according to UL94/V0.

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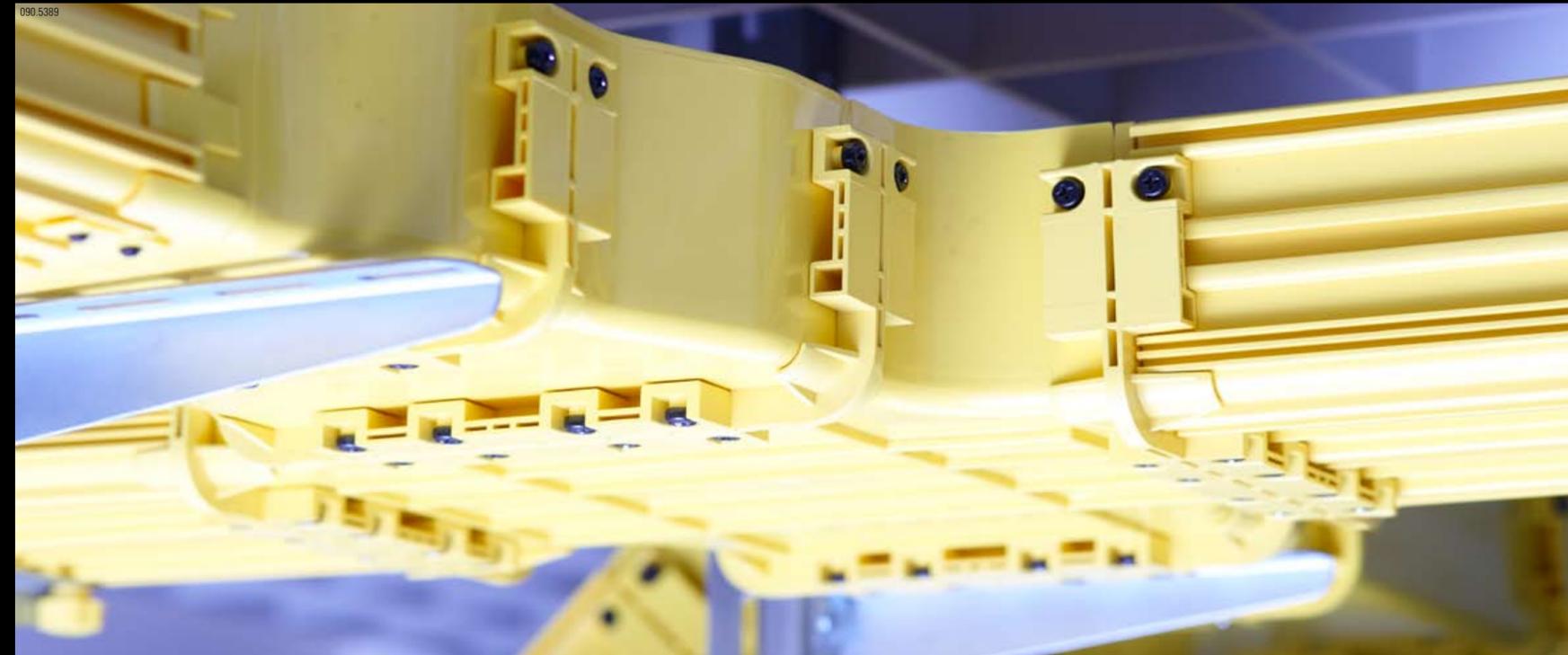
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Leading

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# The raceway for optical fiber

# Customized wire guidance

### Right on track

When you opt for the R&M Fiber Optic Raceway System, your fiber optic cables have a raceway all to themselves. Optical fibers and patch cords are routed to the intended end point the quickest way possible. The raceway keeps up to 6000 fibers right on track.



### Leeway in planning

You can place curves, tunnels, junctions or exits anywhere you wish. You enjoy greater leeway in planning thanks to the system's modular approach, smart range and six cross sections from 30 x 50 to 300 x 100.



### Quick to install

With the snap-in connections, installation requires no additional special tools, so it is quick and inexpensive. The R&M Raceway System is a great way for you to pick up your pace. You save time while reducing your investment and maintenance costs.



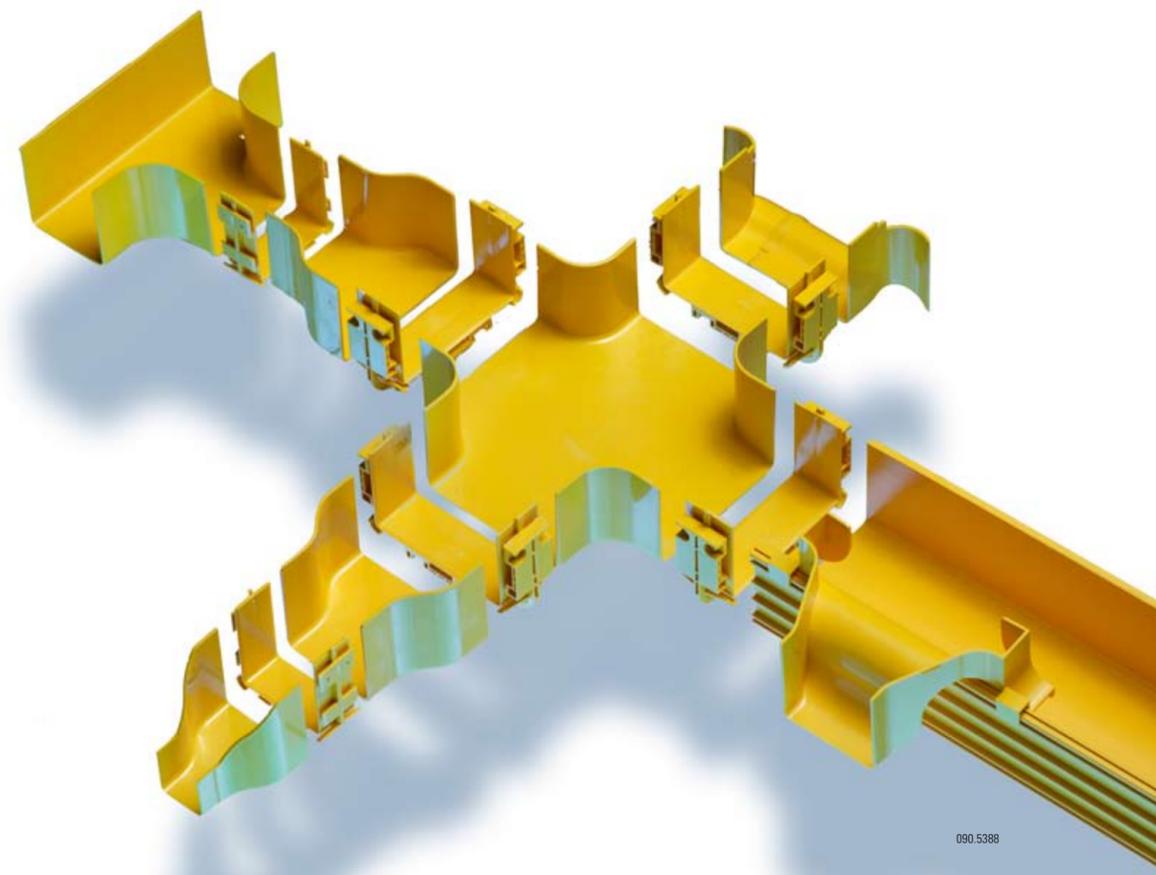
### Protected in every respect

The fibers are reliably laid in the sturdy PC/ABS plastic raceways. The R&M Raceway System with 30 mm bending radius offers every manner of protection: it is resistant to impact and breakage, flame retardant, and resistant to heat, frost and light.



### Always in pole position

The R&M Raceway System is always in pole position no matter where optical fibers are guided and distributed, whether in data center or central office, at hub or head station. Integrating legacy or other wire guidance systems is a breeze.



### With the R&M Raceway System into the broadband future

These are times of dynamic change for operators of public broadband networks. FTTH, the way of the future, is changing large parts of the infrastructure. A growing number of high-quality optical fibers requires more protection and security, even greater quality, speed and top performance plus error-free management and profitable, efficient operations. The R&M Fiber Optic Raceway System helps telecom companies and cable providers to meet all requirements of modern cable guidance from the outset. Successful planning and expansion of central distribution sites is a breeze. Paving the way are planning aids, a lean, smart range and the fast installation technique typical of R&M.

### Flexibility and availability for data centers

Only the best for data centers. Optical cable guidance systems also have to help consistently meet the tough performance and availability requirements. This is especially true now when growing data volumes require readily scalable cable management and frequent changes as well as even denser infrastructures. The R&M Fiber Optic Raceway System is the solution for data centers that wish to lead the competition in efficient fiber optic cabling. With the R&M Raceway System, data centers can respond to each new task flexibly and immediately in an individual and uncomplicated way. These tasks could entail adding an additional output to the cable duct, for example, or expanding and reliably developing the storage area without interrupting operations.

### More security for optical fibers

Optical fibers offer decades of top performance. But they also pose tough requirements. You must let them do their valuable job with the smallest possible degree of stress, tension and interruption. The R&M Fiber Optic Raceway System is the optimum setting for this performance. The fibers run through the raceway system completely separate from other media and protected all-round from the environment, from the building entrance through open space or double floors to the distribution sites. The R&M Raceway System also allows protected cable guidance between the distribution, server and storage areas. The bending radius guaranteed in all curves and at all junctions and outputs helps contribute to stress-free fiber guidance and to the long-term reliability of their transmission performance.

