

The R&M Raceway System is a fiber optic ducting designed to perfectly route, isolate and protect fiber optic jumper and optical cables from the building entry to fiber distribution frames or between termination equipment, patch panels and fiber optic cabinets. By routing the fiber optic cords separately from copper cabling, a very high safety and failure-free operation of the optical network is guaranteed. The unique snap-fit Raceway solution can be quickly installed without any special tools, saving time and money. The simple and compact form is suitable for various applications. The Raceway System is available in 6 sizes, providing a solution for any fiber routing application. It provides an easily accessible solution for every situation. The following additional tools make the planning and ordering process easy:

- Site survey and ordering sheet
- Planning support, Visio Shapes drawing for an easy Visio or AutoCAD planning

Technical Data

| Prüfkriterien | | Angaben / Wert |
|---------------------|----------------|---|
| Raceway System | Material | Plastic, ABS/PC |
| | Color | Yellow, RAL1021 |
| Min. bending radius | Material | R30mm |
| System size | Wide/High (mm) | 50/50, 100/100, 160/100, 220/100, 300/100 |
| | High mm | Light grey / RAL 7035 |
| Main duct | Length (mm) | 1000/2000 |
| Main duct cover | Length (mm) | 1000 |
| Additional Elements | Horizontal | 45°/90° Elbow, Cross-and T-connector, Reduction |
| | Vertical | 45°/90° Elbow up and-down |
| | Diverse | Snap-Joint, Express drop outlet, Trumpet, Reduction, Cover, End cap |
| Loading capacity | 2mm Patch cord | 150 (50x50) – 6000 (300x100) |

Standards

| Standard | Description | |
|----------|----------------------------------|--|
| UL2024 | Fiber optic cable ducting system | |
| UL94/V0 | Flame-retardant | |

Performance

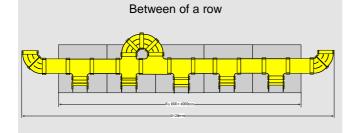
| Characteristic | Description / value | |
|-----------------------|------------------------------------|--|
| Eco-friendly material | RoHS & REACH conform, Halogen free | |
| Stability | Heat-and UV-resistant | |
| Flammability | UL94 | |

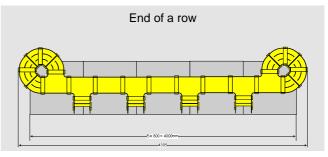


Assortment overview

| Basic assortment | Picture | Description |
|---|----------|--|
| Main duct | | The main duct consists of one single blow-molded piece |
| Тее | | The T-joint is used to connect three main ducts or other components, linked with snap-joints |
| Cross | | The cross is used to connect four main ducts or other components, linked with snap-joints |
| Elbow-45°H | | Used for the horizontal 45° redirecting of cables |
| Elbow-90°H | and the | Used for the horizontal 90° redirecting of cables |
| Elbow-45°D | 4 | Used for the vertical 45° downward redirecting of cables |
| Elbow-90°D | C. | Used for the vertical 90° downward redirecting of cables |
| Elbow-45°U | | Used for the vertical 45° upward redirecting of cables |
| Elbow-90°U | | Used for the vertical 90° upward redirecting of cables |
| Reduction | 4 | Used to reduce main ducts and other components to the next smaller size |
| Trumpet outlet | 4 | The trumpet outlet is the final protective component, taking the fiber-optic cable to the protected area at the minimum radius (30 mm). |
| Snap-Joint | 6 | For a solid and smooth linking of main ducts and other components. One snap-joint is required on each end for the horizontal and vertical elbows and also for the cross and Tee |
| Express drop outlet horizontal | i | The drop outlet can be positioned anywhere along the side of the main duct, no snap joint is needed |
| Express drop outlet vertical | And. | The drop outlet can be positioned anywhere along the side of the main duct, no snap joint is needed |
| Mounting-Set Express drop outlet horizontal | × | For fixation and stabilization of the drop outlet horizontal |
| End cover | | The end cover is used to cap off the open ends of main ducts or other components, no snap-joints needed |
| T-bolt | 4 | The T-nut slot is used to fasten the mounting kit and the T-bolts mounted on the side or bottom part of main ducts, for a fast and safe mounting of the entire Raceway system |

Sample for patch cord overlength storage





ER&M Convincing cabling solutions Reichle & De-Massari AG Binzstrasse 32 CHE – 8620 Wetzikon Telephone HQ: +41 (0)44 933 81 11 Telefax HQ: +41 (0)44 930 49 41

