



FiberGuide® Optical Raceway Solutions

Comprehensive, long-term management for your growing fiber network



Control the growth – set the foundation

Whether in the data center, central office or mobile switching center, today's networks are experiencing unparalleled growth in fiber deployment. Demands for greater bandwidth, lower latency and unprecedented I/O capacity are ratcheting up the pressure on network managers. As a result fiber counts are exploding up to 576 fibers per run for high-density areas. And it's only going to increase.

Your network's profitability is in direct proportion to your ability to manage your

growing cable infrastructure. Mean-time-to-resolution, turn-up speed, moves/add/changes—they all depend on being able to identify, access and manage individual fibers. What's your plan?

FiberGuide® fiber management systems from CommScope® offer the greatest breadth of optical raceway products in the industry. Designed for flexibility, speed and durability it's a long-term solution for controlling and protecting your growing cable infrastructure.

FiberGuide®: Fast and flexible fiber protection

FiberGuide is a comprehensive raceway solution designed to protect and route fiber optic patch cords and multi-fiber cable assemblies to and from fiber splice enclosures, fiber distribution frames and fiber optic terminal devices.

As an integrated portfolio, the FiberGuide system consists of software-based design tools, modular components—horizontal and vertical runs and elbows, downspouts, junctions, flexible exit kits—and dozens of deployment options. The result is a single raceway system that is easy and fast to deploy, highly flexible and ensures total off-frame protection of one of your most valuable investments.



Engineered for best-in-class speed, flexibility and protection

Speed

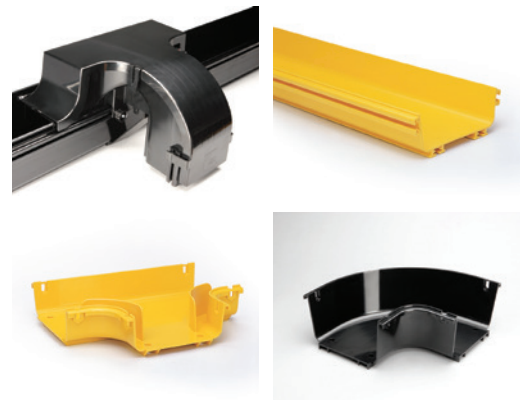
From design to deployment, FiberGuide saves you time and money, no matter what size your job. Start with our downloadable Design Smart Tool Suite applications, including Building Information Modeling objects, AutoCAD models, 2D and 3D Visio Stencils, and layout configurator/bill of material generator.

FiberGuide systems accelerate your installation time, as well. Components like Snap-Fit™ junctions, snap-on covers and hinged covers allow for fast, tool-less assembly. With Express Exit™ and FlexExit™ new drops can be added or removed into a fully loaded raceway in seconds – without cutting.



Flexibility

No matter how you grow, FiberGuide can support you. With 38 support structures, over 75 fittings and multiple drop options the system easily accommodates any application or configuration. Troughs range in size from 2" x 2" (50.8 mm x 50.8 mm) to 4" x 24" (101.6 mm x 609.6 mm) to support any size facility. RiserGuide® extends your flexibility to your risers. The modular components install anywhere on the riser, no tools required, and are designed to meet the GR-63 standard.



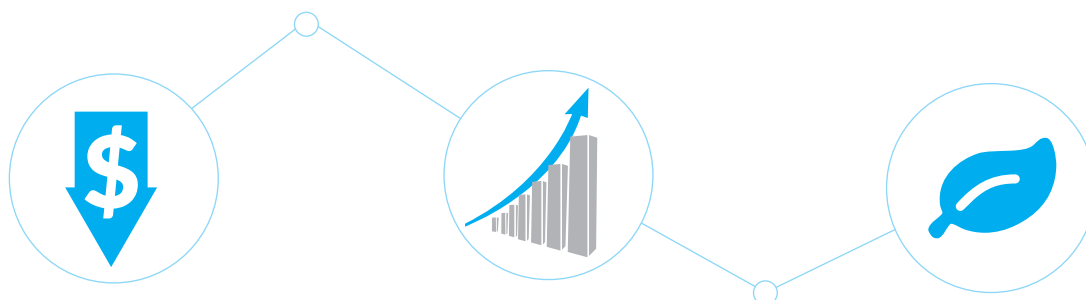
Protection

Every FiberGuide component, fitting, exit and kit is designed and engineered to maintain a minimum two-inch (50 mm) bend radius throughout the system regardless of the raceway size. Meanwhile, high-quality, low-halogen resins and world-class manufacturing ensure protection that lasts. More than peace of mind, this strength and durability mean fewer supports and brackets are required, further decreasing your CapEx and installation time.



Bottom line benefits

The FiberGuide bottom line? A healthier bottom line.



Reduce total network costs

Add network capacity faster and more efficiently – resulting in lower labor and material costs and higher profits. FiberGuide also helps lower your OpEx. Placing raceways overhead allows more airflow through floor panels, helping to lower your power and cooling cost. Clearly-defined routing paths also mean better cable organization that improves your space utilization.

Grow network revenue and profitability

Well-managed, easy-to-access fiber pathways enable you to better organize your equipment without laying additional fiber miles. With FiberGuide, you can route, access and expand the use of your fiber plant and grow revenue while minimizing CapEx.

Support future growth

Lane speeds, capacity demands and latency requirements are increasing exponentially. As a result, network managers are re-thinking their basic network design. FiberGuide enables you to adapt. It flexes and scales easily, so you can route and manage new cables as you add equipment and extend the network where and when you need.

A complete, long-term solution from a name you know and trust

CommScope's FiberGuide system, available in black and yellow, is a complete and comprehensive fiber raceway solution. Together FiberGuide, RiserGuide and the Design Smart Tool Suite provide the most complete and flexible optical cable raceway solution available. Backed by the industry-leading design and manufacturing capabilities of CommScope, FiberGuide may be the only optical raceway system you'll ever need.

CommScope understands your network infrastructure challenges. For decades, we have been at the forefront of cabling design and connectivity solutions, helping to craft the standards that keep our industry moving forward. From architecture to connector, fiber migration to fiber management, we know what you're up against and we're here to help.

To learn more about the CommScope FiberGuide portfolio of solutions, contact your CommScope representative or visit us at www.commscope.com/fiberguide.

The world's most advanced networks rely on CommScope connectivity. What about yours?

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers— we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



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