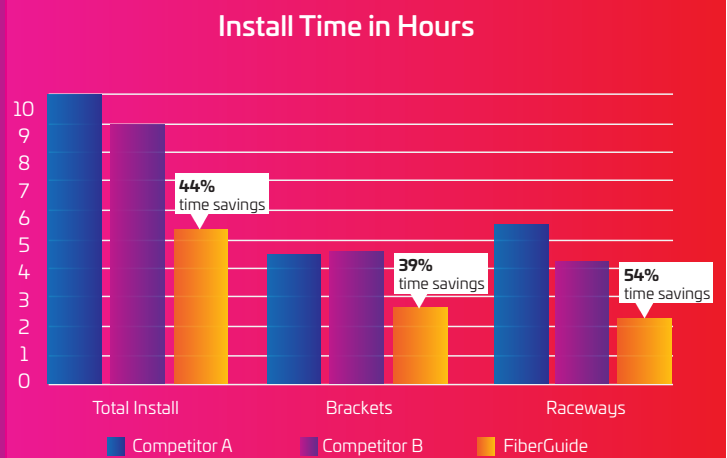# FiberGuide®
Speed of Installation

COMMSCOPE®

CommScope performed a timed install study comparing our FiberGuide solution against competitors fiber raceway products to determine key product differences as they relate to total install time required for each product. The same layout and installers were used throughout the test for consistency.

Install Time

FiberGuide is up to 44% faster to install compared to competitor products due to patented quick knobs and junctions

On average, a single FiberGuide bracket installed 1 minute and 44 seconds faster than Competitor's brackets

Competitor A's junctions are not tool-less and take longer to install compared to FiberGuide's tool-less junctions

Install Time in Hours

Chart: Install Time in Hours. Categories: Total Install, Brackets, Raceways. Legend: Competitor A, Competitor B, FiberGuide.
- Total Install: **44% time savings**
- Brackets: **39% time savings**
- Raceways: **54% time savings**

Weight difference between FiberGuide and Competitor A

FiberGuide troughs weigh less then Competitor A	Description	FiberGuide Weight	Competitor A Weight
• Troughs are the largest parts. The less they weigh the easier they are to handle when installing overhead. • Testing has shown that FiberGuide troughs perform better than Competitor A in heated environments.	4x6 in. 6 foot trough	6.35 lbs.	7.95 lbs.

Brackets

FiberGuide bracket kits come with all the hardware needed to attach to supporting structures and attaching raceways to brackets making the ordering and install process easy by removing the need to remember to order hardware separately.

After installing Competitor A's bracket per the published instructions, we found that the brackets tended to fall off the threaded rod when the raceway is removed.

Recommended spacing for FiberGuide brackets is 5 ft. while Competitor B requires more brackets with spacing at every 3 to 4 ft.

Junctions

Competitor A

Claims their junctions can be installed in less than five seconds and without tools

- Competitor A's junction required three tools to install where FiberGuide's are tool-less
- Competitor A's junction took more than thirty seconds to install where FiberGuide's patented junction design took five seconds.
- Competitor's troughs were wavy making it difficult to install junctions, whereas FiberGuide troughs have a straight profile which allows junctions to slide on with ease.

Competitor B

Junction took 46 seconds each to install.

Junctions do not lock tightly and rely on friction to stay together.

Junctions can be installed two different ways onto a bracket which means the installer has to pay attention to how they install so it fits properly.

FiberGuide

Junctions are completely tool-less installing and removing.

Troughs are strong and rigid, resulting in a very straight profile which allows junctions to slide on with ease.

Color

Unlike competitors, all FiberGuide products have the same yellow coloring, creating a sleek and consistent look.

Visit our website or contact your local CommScope representative for more information.