CORNING

High-Fiber-Count Preterminated MTP® Trunks

What makes Corning's preterminated high-fiber-count MTP® trunks the right solution to support your data center backbone?

By 2020, 92 percent of workloads will be processed by cloud data centers.* As the popularity of cloud computing and big data grows, the demand for high-speed transmission and data capacity are greater than ever before. Also on the rise are the challenges faced by data center managers, who desire a less complex cabling infrastructure with minimized duct congestion and deployment efficiency.

Corning's preterminated high-fiber-count MTP trunks used in the data center backbone address these critical issues. Providing maximum density with faster installations, our preterminated trunk solution delivers the bandwidth to meet today's needs, and includes a simple transition path to 40GbE/100GbE and beyond.

Cisco Global Cloud Index: Forecast and Methodology, 2015-2020. White Paper, Cisco Public

Key Features and Benefits

- **High-density trunk cables**
  - Allow tighter trunk cable bends for slack storage and routing

- **Low-insertion-loss performance**
  - Allows for more connections in a link when deploying a TIA-942-compliant system

- **Universal wired components**
  - Enable moves, adds, and changes without polarity concerns; provide a simple migration path between 2-fiber and parallel optic applications

- **Factory-terminated solutions**
  - Provide consistent quality, ensure system performance, and reduce installation time

Why use high-fiber-count preterminated MTP® trunks?

Data centers are increasingly depending on high-density cabling to meet the growth in bandwidth demands. While traditional field termination methods result in extended deployment time, higher installation costs, and increased downtime, high-fiber-count preterminated solutions eliminate these challenges.

Our preconnectorized trunks are available in fiber counts up to 864 and allow migration to 40G/100G and beyond. Because they are designed with our innovative bend-improved fiber, tighter cable bends for slack storage and routing are possible. The type of trunk needed depends on the network architecture, the installation environment, and several other factors. Based on your specific application and fiber count needed, use the product ordering guide below to determine the best solution for your data center.

Indoor Cable

Base-12		Sample Part Numbers	
Application	Fiber Count	OM4	OS2
MTP®-MTP	144, 192, 216, 288, 432, 576	Ex: 576 F 100 ft. **G7575AZQPNDDU100F**	Ex: 576 F 100 ft. **G9090AZGPNDDU100F**
Pigtail	144, 192, 216, 288, 432, 576	Ex: 576 F 100 ft. **G0075AZQPN0DP100F**	Ex: 576 F 100 ft. **G0090AZGPN0DP100F**

Indoor/Outdoor Cable

Application	Fiber Count	OM4	OS2
MTP-MTP	144, 216, 288, 432, 576, 864	Ex: 864 F 100 ft. **A7575CEQUFBBU100F**	Ex: 864F 100 ft. **A9090CEGUFBBU100F**
Pigtail	144, 216, 288, 432, 576, 864	Ex: 864 F 100 ft. **A0075CEQUF0BP100F**	Ex: 864F 100 ft. **A0090CEGUF0BP100F**

Indoor Cable

Base-8		Sample Part Numbers	
Application	Fiber Count	OM4	OS2
MTP-MTP	144, 192, 288	Ex: 288 F 100 ft. **GE5E5U8QPNDDU100F**	Ex: 288 F 100 ft. **GE7E7U8GPNDDU100F**
Pigtail	144, 192, 288	Ex: 288 F 100 ft. **G00E5U8QPN0DP100F**	Ex: 288 F 100 ft. **G00E7U8GPN0DP100F**

Learn More

For additional information on high-fiber-count trunks, reference AEN161.