



Design  
 Engineering  
 Production  
 Installation

As custom fiber optic cable manufacturers, we work closely with our customers to understand and even refine their requirements. We pay meticulous attention to every phase of the custom fiber design and manufacturing process. Some of the more common decision parameters are: insertion loss, back reflection, bend radius, single-mode or multimode fibre, fiber count, zipcord or assembly, breakout or fan-out, jacket rating, Tight-Pack or distribution.

We manufacture singlemode and multimode custom fiber for harsh environments as well as for the military. If your requirements fall in any of these categories, our environmental custom fiber team will discuss with you additional design parameters such as water -blocked construction, armored construction, aerial construction, and tactical requirements.



The Next **Step**

Design  
 Engineering  
 Production  
 Installation

MTP Cable Assembly and Harness Solutions from **Cables Unlimited Inc.**

Cables



Unlimited

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 800-590-9965  
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### MTP FIBER APPLICATIONS

- BACKBONES
- DISASTER RECOVERY
- BUILDING FIBER OPTIC DISTRIBUTION
- QUICK SETUP OF NEW WIRING HUBS
- WAREHOUSES
- DIRECT TERMINATION OF RIBBON CABLES
- REPAIR OF PLUG & PLAY UNIVERSAL SYSTEMS SOLUTIONS TRUNK CABLES
- PARALLEL OPTICAL INTERCONNECTS BETWEEN SERVERS
- PLEASE NOTE CROSSOVER CABLES ARE TYPICALLY USED FOR DIRECT INTERCONNECT OF ELECTRONIC DEVICES WHEREAS STRAIGHT-THROUGH CABLES ARE TYPICALLY USED FOR INTERCONNECT OF PATCH PANELS .

## Technology that saves time and space

### CONNECTING YOUR BUSINESS EFFICIENTLY AND EFFECTIVELY

The MTP fiber system is a truly innovative group of products that moves fiber optic networks into the new millennium. MTP fiber and MTP assemblies take their name from the MTP "Multi-fiber Termination Push-on" connector, designed and introduced as a high-performance version of the MPO connectors .MTP does interconnect with the MPO connectors. Each MTP contains 12 fibers or 6 duplex channels in a connector smaller than most duplex connections in use today.

MTP connectors allow high-density connections between network equipment in telecommunication rooms. They use a simple push-pull latching mechanism for easy and intuitive insertion and removal. The ends of MTP connectors may be polished flat or at an 8° angle. It is the same size of a SC connector but since it can accommodate 12 fibers, it provides up to 12 times the density, thereby offering savings in circuit card and rack space.

## Cost Effective cables Top Quality Connectivity

### MTP FAN OUT FIBER ASSEMBLIES

MTP™ fan-out assemblies provide connection to equipment or panels that are terminated with ST®, SC, FDDI, or ESCON® connectors. Such assemblies are available pre-wired into patch panels and wall enclosures. Using MTP™ trunk cables, a complete fiber optic backbone can be installed without any field termination being required.

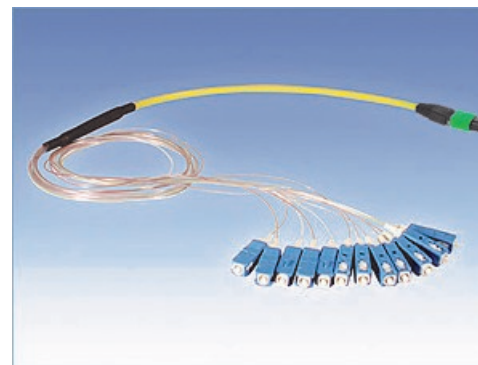
### TYPES OF MTP CABLE ASSEMBLIES

We offer singlemode and multimode MTP assemblies, MTP-LC, MTP-ST, MTP-FC, MTP-MU, MTP-MT-RJ, MTP-E2000, simplex and duplex. Also we provide UPC MTP assemblies and APC MTP cables.

### CABLES UNLIMITED INC. PROVIDES A TOTAL END TO END SOLUTION.

### CORNING GOLD HOUSE STANDARDS

We assemble and market a wide range of high quality single-mode, multimode, fiber optic cables.



From the highest quality fiber cable and connectors, to advanced production processes , our main goal is to produce the best quality products and to ensure that you receive precisely the cable you need for your specific application .

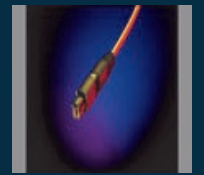
With over 25 years of experience as a custom fiber cable manufacturer, we have the knowledge and technical expertise to provide you with custom fiber to fit your most demanding and precise requirements. Equally important, we provide each custom fiber cable at the highest quality level and the most competitive price. We stand out among fibre optic cable manufacturers with the coveted distinction of being a GOLD CORNING ASSEMBLY HOUSE. Every fiber jumper that we send out meets the highest quality standards, is individually tested and comes with a lifetime guarantee.



**CORNING**  
CAH Connections™  
Gold Program

### CORNING GOLD

Only an elite group of cable assembly houses (CAHs) meets the high production and quality standards required to be eligible for this program. These companies have demonstrated, over a period of many years, a proven track record of manufacturing and business excellence.



### OPTICAL PERFORMANCE

Optical Performance: High-quality end-face geometry minimizes unnecessary loss at the connector. This is especially critical as optical budgets tighten due to higher network speeds and an increased number of connections in network designs.



### MECHANICAL PERFORMANCE

Corning Cable Systems components are manufactured to enable compliance, once assembled, with the Telcordia GR-326 performance standard. This is an extremely stringent standard used to ensure optical assembly performance over a range of environmental, mechanical and time parameters..

