

Heat-Cure MTP® Connectors

A LANscape® Solutions Product

Corning
Cable Systems

Applications

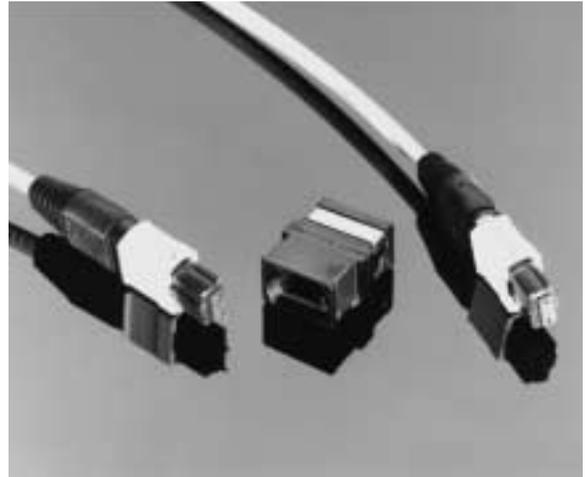
- High-fiber-count data centers
- Parallel optical interconnects between servers

Description

The Heat-Cure MTP® Connector is a 12-fiber connector that provides very high density in a small space. Designed for multimode and single-mode performance, the MTP Connector utilizes a push-pull design for easy mating and removal. The MTP Connector is the same size as the well-known SC but provides 12 times the density, offering tremendous savings in valuable floor and rack space.

Features / Benefits

- High-density connection replaces 12 single-fiber connections
- Push-pull latch for easy connection
- Terminates ribbon fibers or ribbonized single fibers
- Keyed to ensure proper orientation
- Meets requirements of ANSI HIPPI-6400 and IEC 1754-7 and TIA/EIA-604-5 (FOCIS) documents
- Connectors branded as ^{plus}CORNING™



Heat-Cure MTP Connectors | Photo LAN197

Specifications

Parameter	Multimode	Single-Mode
Insertion Loss	0.25 dB average	0.35 dB average
Durability	≤ 0.2 dB change per FOTP-21, 200 rematings	same
Reflectance	N/A	≤ -55 dB (Angled Polish)
Temperature Cycling	≤ 0.75 dB change	≤ 0.3 dB change, -40° to +75°C; 21 cycles

Ordering Information

Single connectors are also available; to order, omit the -BP suffix from the part number.

Part Number	Description
94-112-70-BP	12-Fiber MTP® Multimode Connector, no pins; bulk package in quantities of 100
94-108-70-BP	8-Fiber MTP Multimode Connector, no pins; bulk packaged in quantities of 100
94-104-70-BP	4-Fiber MTP Multimode Connector, no pins; bulk packaged in quantities of 100
94-212-69-BP	12-Fiber MTP Single-mode Connector, no pins; bulk packaged in quantities of 100
94-208-69-BP	8-Fiber MTP Single-mode Connector, no pins; bulk packaged in quantities of 100
94-204-69-BP	4-Fiber MTP Single-mode Connector, no pins; bulk packaged in quantities of 100
95-400-25-MTMM	Pin Assembly for 12-Fiber MTP Multimode Connector; bulk packaged in quantities of 100 (each mated connector pair requires two pins)
95-400-25-MTSM	Pin Assembly for 12-Fiber MTP Single-mode Connector; bulk packaged in quantities of 100 (each mated connector pair requires two pins)
TER-MTP	Adapter for 12-Fiber MTP Connector

X = Size: R = Ribbon interconnect boot

Y = Color: B = black, R = red, N = navy blue, W = white, G = green, Y = yellow

Accessories

SP1000	Connector Polishing Machine
SP1000-MTP-10-M	Polishing Fixture, MTP Connector 10 Port, Multimode
SP1000-MTP-10-S	Polishing Fixture, MTP Connector 10 Port, Single-mode
3201027-01	Crimp Tool for MTP Connector
SP1000-MTPT-S	MTP Connector Polishing Films Kit, SM
SP1000-MTP-M-TP	MTP Connector Polishing Films Kit, MM
95-400-24-BPRB	Boot, MTP Connector, Ribbon
95-400-24-BPJB	Boot, MTP Connector, Jacketed Cable
95-400-27-BP	Crimp Band, MTP Connector

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