Epoxy and Polish MTP® Compatible Multifiber Connectors

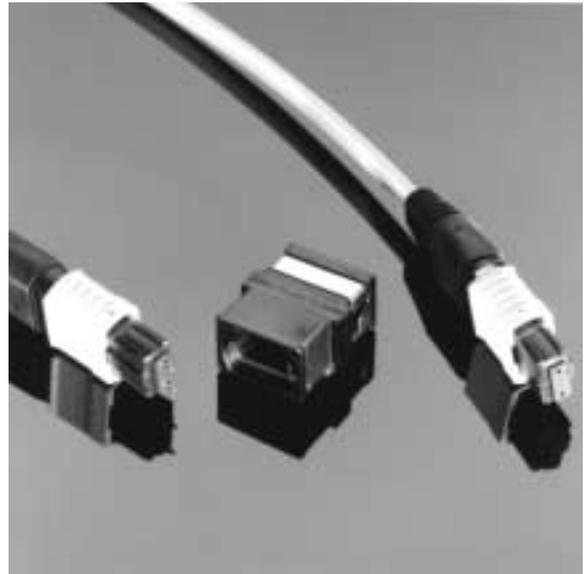A LANscape® Solutions Product

Applications
• High-fiber count data centers
• Use with Plug & Play™ System installations
• Parallel optical interconnects between servers

Description
The epoxy and polish MTP® compatible 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

MTP Compatible Multifiber Connectors and Adapter | LAN197

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Mechanical Specifications

Parameter	Single-mode	Multimode
Insertion Loss	0.25 dB Typical	0.35 dB Typical
Reflectance	≤ -55 dB	n/a
Temperature Cycling	≤ 0.3 dB change, -40º to +75º C; 21 cycles	same
Durability	≤ 0.2 dB change per FOTP-21, 1000 rematings	same

Ordering Information

Part Number	Description
94-112-69-BPxy-NL	12-Fiber MTP® Compatible Multimode Connector, no pins; bulk packaged in quantities of 100
94-108-69-BPxy-NL	8-Fiber MTP Compatible Multimode Connector, no pins; bulk packaged in quantities of 100
94-104-69-BPxy-NL	4-Fiber MTP Compatible Multimode Connector, no pins; bulk packaged in quantities of 100
94-212-69-BPxy-NL	12-Fiber MTP Compatible Single-mode Connector, no pins; bulk packaged in quantities of 100
94-208-69-BPxy-NL	8-Fiber MTP Compatible Single-mode Connector, no pins; bulk packaged in quantities of 100
94-204-69-BPxy-NL	4-Fiber MTP Compatible Single-mode Connector, no pins; bulk packaged in quantities of 100
91-100-PIN-BP-NL	Pins for 12-Fiber MTP Compatible Multimode Connector; bulk packaged in quantities of 200 (each mated connector pair requires two pins)
91-200-PIN-BP	Pins for 12-Fiber MTP Compatible Single-mode Connector; bulk packaged in quantities of 200 (each mated connector pair requires two pins)
TER-MTP	Adapter for 12-Fiber MTP Compatible Connector

X=Size: R=Ribbon interconnect boot

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

Accessories

Part Number	Description
SP1000	Connector Polishing Machine
SP1000-MTP-10-M	Polishing Fixture, MTP Compatible 10 Port, Multimode
SP1000-MTP-10-S	Polishing Fixture, MTP Compatible 10 Port, Single-Mode
MTP-CRIMP-TOOL	Crimp Tool for MTP

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