

Heat-Cure MTP® Connectors

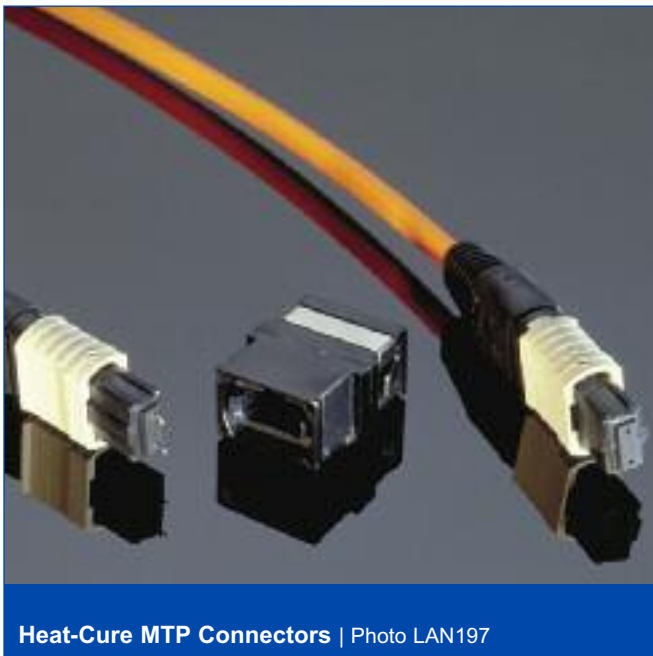
A LANscape®
Solutions Product

features and benefits |

Precision guide pins	High-performance alignment
Push-pull latch	Easy connect and disconnect
High density	Saves floor and rack space
Color coded	Easily identify mode or application
Removable housings	Easily change pins or clean/repolish ferrule
Strain-relief options	Compatible with bare ribbon or jacketed cables

The heat-cure MTP® Connector is a 12-fiber connector that is the same size as the well-known SC connector but provides 12 times the density, making it the ideal solution for high-fiber-count data centers and parallel optical interconnects between servers. This high-density connection replaces 12 single-fiber connections, offering tremendous savings in valuable floor and rack space.

Designed for multimode and single-mode performance, the heat-cure MTP Connector utilizes a push-pull design for easy mating and removal. Manufactured by USConec, the MTP Connector utilizes precision guide pins in the mating of two connectors to achieve alignment. These connectors meet requirements of ANSI HIPPI-6400 and IEC 1754-7 and TIA/EIA-604-5 (FOCIS) documents.



Heat-Cure MTP® Connectors

A LANscape®
Solutions Product

specifications |

	Multimode	Single-Mode	Single-Mode MTP® Elite Connector
Durability	< .2 dB change (per EIA-455-21A) 500 remates	< .3 dB change (per EIA-455-21A) 500 remates	< .3 dB change (per EIA-455-21A) 500 rematings
Operating Temperature	-40°C to +80°C	-40°C to +80°C	-40°C to +80°C
Insertion Loss	0.50 dB max	0.75 dB max	0.35 dB max
Reflectance	≤ -20 dB	≤ -55 dB (8° angled polish)	≤ -55 dB (8° angled polish)

ordering information |

1. Order the Ferrule

All ferrules are packaged in quantities of 100. Please order in multiples of 100 (100, 200, 300, etc.)

Part Number	Description
94-112-MM-MTBP	MT 12-Fiber Multimode Ferrule
94-212-SM-MTBP	MT 12-Fiber Single-Mode Ferrule
94-252-SME-MTBP	MT 12-Fiber Single-Mode Elite Ferrule

2. Order the Housing Kit

Kit includes required boot, spring push, spring, pin, pin clamp assembly, housing assembly and dust cap. All housing kits are packaged in quantities of 50. Please order in multiples of 50 (50, 100, 150, etc.)

Part Number	Description
MTP Connector Housing Kits for Ribbon Interconnect Cable (Oval Strain-Relief)	
94-115-20-BPJB	No Pins, Multimode, MTP Connector, beige kit, jacketed cable boot
94-115-21-BPJB	No Pins, Multimode, MTP Connector, black kit, jacketed cable boot
94-115-28-BPJB	No Pins, Multimode, MTP Connector, aqua kit, jacketed cable boot
94-115-22-BPJB	No Pins, Single-Mode, MTP Connector, green kit, jacketed cable boot
94-115-23-BPJB	No Pins, Single-Mode, MTP Elite Connector, mustard kit, jacketed cable boot
94-115-24-BPJB	Pinned, Multimode, MTP Connector, beige kit, jacketed cable boot
94-115-25-BPJB	Pinned, Multimode, MTP Connector, black kit, jacketed cable boot
94-115-29-BPJB	Pinned, Multimode, MTP Connector, aqua kit, jacketed cable boot
94-115-26-BPJB	Pinned, Single-Mode, MTP Connector, green kit, jacketed cable boot
94-115-27-BPJB	Pinned, Single-Mode, MTP Elite Connector, mustard kit, jacketed cable boot

Heat-Cure MTP® Connectors

A LANscape®
Solutions Product

ordering information | (continued)

Part Number	Description
MTP® Connector Housing Kits for Bare Ribbon	
94-115-30-BPRB	No Pins, Multimode, MTP Connector, beige kit, bare ribbon boot
94-115-31-BPRB	No Pins, Multimode, MTP Connector, black kit, bare ribbon boot
94-115-38-BPRB	No Pins, Multimode, MTP Connector, aqua kit, bare ribbon boot
94-115-32-BPRB	No Pins, Single-Mode, MTP Connector, green kit, bare ribbon boot
94-115-33-BPRB	No Pins, Single-Mode, MTP Elite Connector, mustard kit, bare ribbon boot
94-115-34-BPRB	Pinned, Multimode, MTP Connector, beige kit, bare ribbon boot
94-115-35-BPRB	Pinned, Multimode, MTP Connector, black kit, bare ribbon boot
94-115-39-BPRB	Pinned, Multimode, MTP Connector, aqua kit, bare ribbon boot
94-115-36-BPRB	Pinned, Single-Mode, MTP Connector, green kit, bare ribbon boot
94-115-37-BPRB	Pinned, Single-Mode, MTP Elite Connector, mustard kit, bare ribbon boot
MTP Connector Housing Kits for MIC® 250 Cable (Round Strain-Relief)	
94-115-40-BPDC	No Pins, Multimode, MTP Connector, beige kit, MIC® 250 Cable boot
94-115-41-BPDC	No Pins, Multimode, MTP Connector, black kit, MIC 250 Cable boot
94-115-48-BPDC	No Pins, Multimode, MTP Connector, aqua kit, MIC 250 Cable boot
94-115-42-BPDC	No Pins, Single-Mode, MTP Connector, green kit, MIC 250 Cable boot
94-115-43-BPDC	No Pins, Single-Mode, MTP Elite Connector, mustard kit, MIC 250 Cable boot
94-115-44-BPDC	Pinned, Multimode, MTP Connector, beige kit, MIC 250 Cable boot
94-115-45-BPDC	Pinned, Multimode, MTP Connector, black kit, MIC 250 Cable boot
94-115-49-BPDC	Pinned, Multimode, MTP Connector, aqua kit, MIC 250 Cable boot
94-115-46-BPDC	Pinned, Single-Mode, MTP Connector, green kit, MIC 250 Cable boot
94-115-47-BPDC	Pinned, Single-Mode, MTP Elite Connector, mustard kit, MIC 250 Cable boot

Note: For 12-fiber MIC 250 Cable solutions use 12-fiber MIC 250 Interconnect Cable.

Heat-Cure MTP® Connectors

A LANscape®
Solutions Product

ordering information | (continued)

Part Number	Description
Accessories	
3201038-01	Crimp Tool for jacketed ribbon MTP® Connector
3201037-01	Crimp Tool for MIC® 250 Cable MTP Connector
2104455-01	MTP Connector Housing Removal Tool
FBC-021	Fiber Cleaver for 12-fiber MTP Connector
2104490-01	Ribbon Holder for bare ribbon MTP Connector
2104492-01	Ribbon Holder for jacketed ribbon MTP Connector
2104489-01	Ribbon Holder for MIC 250 Cable MTP Connector
2104491-01	Ribbon Jacket Stripper
2104488-01	Ribbonizer Tool for MTP Connector termination
MASS-STRIPPER	Thermal Stripper for ribbon stripping

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-901-5973 • International: +1-828-901-5000 • www.corning.com/cablesystems

Corning Cable Systems reserves the right to improve, enhance and modify the features and specifications of Corning Cable Systems products without prior notification. LANscape and MIC are registered trademarks of Corning Cable Systems Brands, Inc. MTP is a registered trademark of USConec, Ltd. All other trademarks are the properties of their respective owners. Corning Cable Systems is ISO 9001 certified. © 2007, 2009 Corning Cable Systems. All rights reserved. Published in the USA. LAN-351-EN / April 2009