



MTP/MPO Patch Cords

In addition to standard patch cords, Wave2Wave Solution Corp., also provides several kinds of specialty patch cords, such as ribbon fan-out cords, MTP / MPO patch cords, and mode conditioning patch cords. Wave2Wave provides fiber optic cables in numerous configurations. Each cable assembly is expertly polished and 100% tested for low insertion

loss and back reflection. MTP Modular cable assembly provides great plug and play capabilities for lab environments and other high density applications. The high-density MTP connector terminates 12 fibers in a space less than 0.5 inch wide. This provides a fast, effective way to get high density without lots of space.



10 G OM3 MM MTP/MPO



OM2 MM MTP/MPO



MTP/MPO Adapter/Connector Cleaner

Features

- MTP/MPO connector for quick connection of fibers
- Factory terminated and tested
- High-density interconnect replacing up to 24 single-mode connectors and sleeves
- Removable housing for quick change of pin clamps and easy ferrule cleaning/repolishing
- Single mode and multimode color-coded housing
- Alignment achieved with high precision guide pins
- Push/Pull mating for quick installation
- Designed for single-mode and multimode performance
- Test data supplied with each patch cord, establishes a performance reference to streamline maintenance and troubleshooting
- Patch cord identification label, quality control reference provides traceability
- Customized MPO Harness Cables available

Benefits

- 12 times the density of SC connectors
- Enables an easy and well organized high-density installation with design flexibility and lower installation costs
- No need for long pulls with fan-out
- Easy to add, change, or drop, no down time
- Little risk of damage
- Allows for higher density
- Quick turn-around time

MTP/MPO Patch Cords

Applications

- Telecommunication
- Networking
- Enterprise computing OEMs
- Broadcast communications
- Campus Networking
- Premise Installations
- Test equipment
- High-end industrial controls
- Military
- Medical
- Lab environment
- High density applications
- Backbone installations
- Horizontal zone cabling
- High density cross connect
- Disaster recovery & industrial data control

| Performance Specifications | | | |
|-----------------------------|------|------------|------|
| | SM | SM (Elite) | MM |
| Maximum Insertion Loss (dB) | 0.75 | 0.35 | 0.50 |
| Typical Insertion (dB) | 0.20 | 0.10 | 0.20 |
| Back Reflection (dB) | ≥ 55 | ≥ 55 | ≥ 20 |

Compliance

- MTP connector exceeds EIA/TIA-455-21A:1000 mating cycles (multimode); 500 cycles (singlemode)
- Compliant with IEC-61754-7
- Compliant with TIS-604-5 (FOCIS 5)



Wave2Wave provides business essential infrastructure solutions that enable leading enterprises to unlock and realize the benefits of next generation data center technologies. Our data center product families include environmentally friendly and smart network cabling, modular and cost-efficient data centers, optical wavelength management systems and intelligent network infrastructure management software. Our products and solutions serve enterprise, government, military and service provider customers and markets in their mission critical data center and IT applications.



Headquarters: 517 Fairview Way Milpitas, CA 95035 • Website: www.wave-2-wave.com
Email: sales@wave-2-wave.com • Phone: (877) 223-2296 • Technical Assistance: (408) 586-8800

© 2011 Wave2Wave Solution Corp. All rights reserved. w-ignite, w-intense, w-Lucid, w-Metro, w-MetroExpress, w-MetroMono, w-MetroVault, w-MetroXtreme, w-SphereWorks and Bringing Data Centers to Life are trademarks or registered trademarks of Wave2Wave Solution Corporation. All other company and product names may be trademarks or registered trademarks of their respective companies. Features and specifications are not guaranteed to be accurate and are subject to change without notice. [032311-SCW]