

MTP®-24 Male Type 1 Fiber Loopback Module



Overview

MTP® Loopback modules are used widely within testing environment especially within parallel optics 200/400G networks. It can be used with MTP cables to detect the quality of each channel and self-loop test of a single MTP interface transceiver. Loopbacks are built to link Transmitter (TX) and Receivers (RX) positions of MTP® transceivers interfaces. MTP® loopbacks can facilitate and speed up IL testing of optical network segments by connecting them to MTP® trunks/patch leads.

Benefits

- US Conec MTP® Connector
- Easy Insertion and Extraction with Push-pull Design
- OS2: Used in Testing 200/400/800G MTP®/MPO Interface Transceivers
- OM4: Used in Testing 200G or 400G MTP®/MPO Interface Transceivers
- Test the Quality of Each Channel, Self-loop Test of a Single MTP Interface Optical Module with MTP Cable
- Used to Test the Transmission Capability and Reception Sensitivity of Optical Network Equipment
- Designed for Troubleshooting Network Failure Nodes

Technical Specification

Construction	LPM-SM-24MTP	LPM-OM4-24MTP
Fiber type	9/125 OS2 Single Mode	OM4 50/125 Multimode
Fiber connector	MTP® Male, APC	MTP® Male, UPC
Return loss	SM≥50dB	MM≥25dB
Insertion loss	SM(G.657.A2) ≤1.5dB	MM(BIF) ≤1.2dB
Insert-pull test	50times, IL<0.5dB	50times, IL<0.5dB
Test wavelength	1310nm	850nm
Operation temperature	-40 to 75°C (-40 to 167°F)	-40 to 75°C (-40 to 167°F)
Jacket material	PC	PC

Technical Drawing

