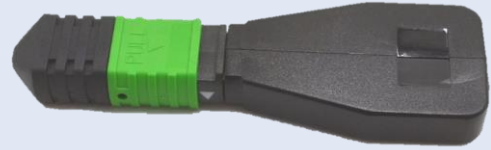


Service the industry with high-performance cost-effective solutions

Part Number: 125/0176

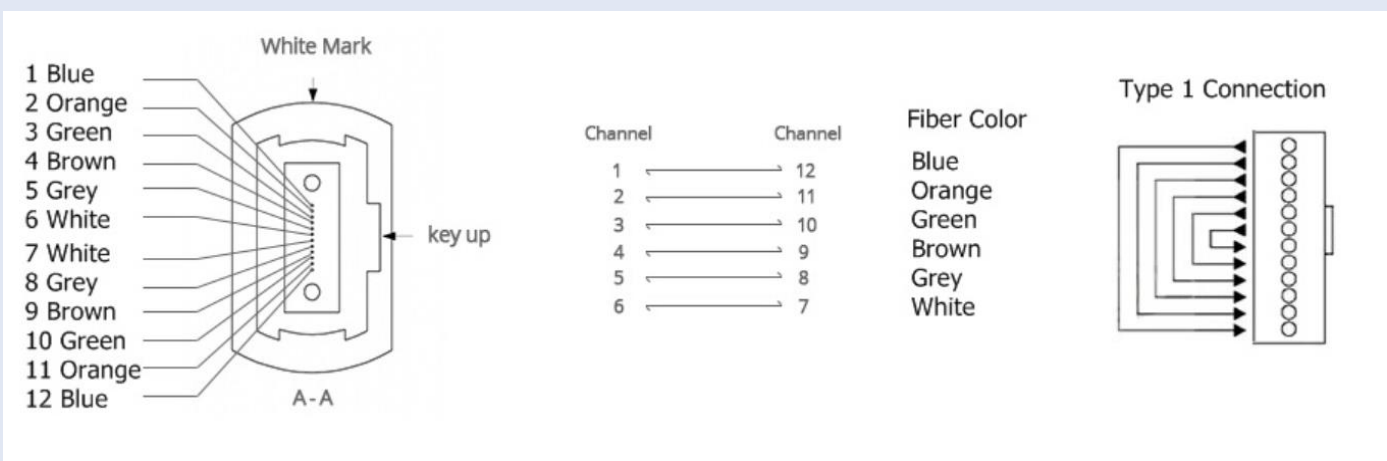


PRODUCT DETAILS

Diamond Optics 12F MTPe/MPO Loopback modules are used widely within testing environment especially within parallel optics 40/100G networks. Devices allow verification and testing of transceivers featuring MTPe/MPO interface - 40GBASE-SR4 QSFP+ or 100GBASE-SR4 devices. Loopbacks are built to link Transmitter (TX) and Receivers (RX) positions of MTPe/MPO transceivers interfaces. MTPe/MPO loopbacks can facilitate and speed up IL testing of optical networks segments by connecting them to MTPe/MPO trunks/patch leads.

SPECIFICATIONS

Fiber type	9/125 OS2 Single-mode	Fiber connector	MTPe/MPO Female
Return loss	SM>50dB	Insertion loss	SM(G657A1)<0.35dB
Tensile Resistance	15kgf	Insert-pull test	50times
Jacket material	LSZH	Size	60mm*20mm
Operation temperature	-40 to 85°C (-40 to 185°F)		



APPLICATIONS

- Helps in quick Insertion Loss testing & trouble shooting
- Manufacturing environment & Filed application
- Testing the transmission capability and receiver sensitivity of fiber optic Network equipment
- Collocated with 40G or 100G MPO/MTPe interface transceivers