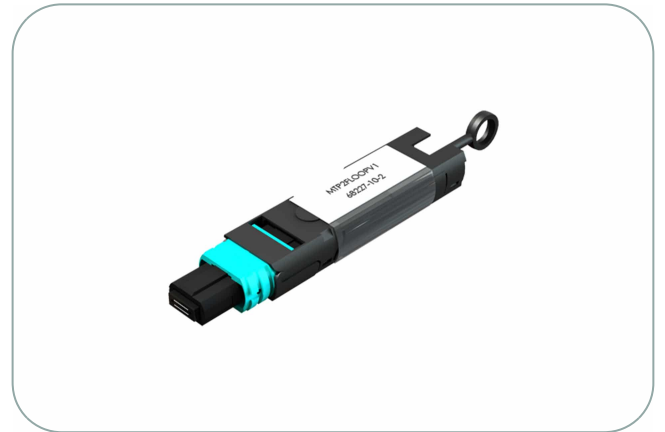


MPO/MTP Loop Back

MPO/MTP Loopback are used widely within testing environment especially within parallel optics 40 and 100G networks. Devices allow verification and testing of transceivers featuring MPO/MTP interface - 40G BASED-SR4 QSFP+ or 100G BASE-SR10 CXP/CFP devices. Loopbacks are built to link Transceivers (TX) and Receivers (RX) positions of MPO/MTP transceivers interfaces. MPO/MTP loopbacks can facilitate and speed up IL testing of optical networks segments by connecting them to MPO/MTP trunks/patch leads.



Features

- SM 9/125, MM 50/125
- 12 or 24 Fiber Ferrule MPO/MTP
- LSZH, OFNP, OFNR Cable Jacket Options
- Female and Male MPO/MTP option of Connectors
- Polarity Variants selection
- 40G QSFP+ and 100G CXP/CFP transceivers
- Factory Terminated and Tested
- MPO/MTP Interface - MPO/MTP components feature superior optical and mechanical properties

Applications

- Data Centre Infrastructure
- Storage Area Network- Fiber Channel
- Parallel Optics
- Infiniband
- Emerging 40 and 100Gbps Protocols

Specifications

ELEMENT	CHARACTERISTIC
Fiber	(SM) G657A2, (MM) OM3, OM4, BIMMF
Connectors	MTP® 12 or 24 Fiber Ferrule US Conec Body Colour: Black Body Sleeve Colour: MM (Beige), MM Elite (Aqua), SM (Green), SM Elite (Yellow)
Storage Temperature	-20 ~ +60°C
Installation Temperature	-5 ~ +50°C
Operating Temperature	-20 ~ +60°C

Connector Performance

CONNECTOR MATING	IL MAX
MTP® Elite (MM)	< 1dB
MTP® (MM)	< 1dB

CONNECTOR MATING	IL MAX
MTP® Elite (SM)	< 1dB
MTP® (SM)	< 1dB

Ordering Information

PART NUMBER	DESCRIPTION
MEFLOOPT1	MTP ELITE Female LOOPBACK MM 50/125 12 Fibers TYPE 1 (QSFP+ 40G)
M2EFLOOPV1	MTP ELITE Female LOOPBACK MM 50/125 24 Fibers VARIANT 1 (CXP/CFP 100G)
MEFLOOPT1SM	MTP ELITE Female LOOPBACK SM 9/125 12 Fibers TYPE1 (QSFP+ 40G)
M2FLOOPV1SM	MTP Female LOOPBACK SM 9/125 24 Fibers VARIANT 1 (CXP/CFP 100G)
MEMLOOPT1	MTP ELITE Male LOOPBACK MM 50/125 12 Fiber TYPE 1
M2EMLOOPV1	MTP ELITE LOOPBACK MM 50/125 24 Fibers VARIANT 1
MEMLOOPT1SM	MTP ELITE Male LOOPBACK SM 9/125 12 Fibers TYPE 1
M2MLOOPV1SM	MTP Male LOOPBACK SM 9/125 24 Fibers VARIANT 1
MEFLOOPT2	MTP ELITE Female LOOPBACK MM 50/125 8 Fibers TYPE 2
MEFLOOPT2SM	MTP ELITE Female LOOPBACK SM 9/125 8 Fibers TYPE 2
MEMLOOPT2	MTP ELITE Male LOOPBACK MM 50/125 8 Fibers TYPE 2
MEMLOOPT2SM	MTP ELITE Male LOOPBACK SM 9/125 8 Fibers TYPE 2

* Loopbacks specified for connection directly to MPO/MTP transceivers must be female as QSFP+ or CXP/CFP transceivers do feature PINS