

GigaC™ MPO / MTP Loopback

1. Overview

The GigaLight's GigaC™ MPO / MTP Loopback Assemblies are designed for testing of MPO parallel links and for device burn-in. By creating a loop of signal from transceiver to receiver within one MPO plug it forms optical link which allows testing of optical network segment by segment. They provide an effective way of testing the transmission capability and receiver sensitivity of network equipment.



2. Features

- ◆ Available in all forms of MTRJ, 8 / 12F MPO, and 24F Loopback.
- ◆ Customized loop length and polarity.
- ◆ Available in multi-module and single-module.

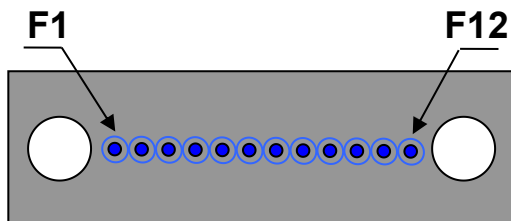
3. Applications

- ◆ For equipment self-testing and engineering
- ◆ Network diagnosing and testing
- ◆ Storage Area Network

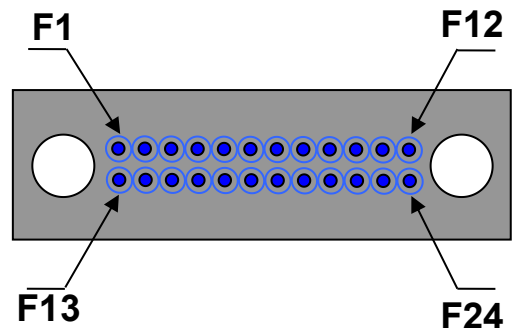
4. Performance

- ◆ Insertion Loss: customized
- ◆ Operating Temperature: -40 to + 80°

5. Assembly drawing



12F Loopback	
F1	to F12
F2	to F11
F3	to F10
F4	to F9
F5	to F8
F6	to F7



24F Loopback	
F1 to F13	F7 to F19
F2 to F14	F8 to F20
F3 to F15	F9 to F21
F4 to F16	F10 to F22
F5 to F17	F11 to F23
F6 to F18	F12 to F24

*** Above performance and structure refer to Gigalight standard grade performance, flexible specification is available to fit for different installation needs. ***

6. Ordering information

[1] **[2]** **[3]** **[4]** **[5]**
GML - **X** - **XX** - **XXX** - **XXX**

- (1) TYPE: GigaC™ MPO/MTP Hydra Loopback
- (2) INSERTION LOSS TYPE: 0=Standard IL<1dB , 1=1~2dB, 2=1.5~2.5dB, 3=customized
- (3) FIBER COUNT: 02=2-fiber, 04=4-fiber, 08=8-fiber, 12=12-fiber, 24=24-fiber,etc.
- (4) FIBER TYPE: SM1=G652D, SM2=G657A1, SM3=G657A2,
MM1=OM1(62.5/125), MM2=OM2(50/125), MM3=OM3(50/125), MM4=OM4(50/125),
- (5) MATERIAL TYPE: MTP=Usconec MTP material, MPO=Japan MPO material

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