LBA series
MTP Loopback module

Description:

The MTP Loopback module is designed for testing of MTP/MPO parallel links and for device burn-in. By creating a loop of signal from transceiver to receiver within one MTP/MPO plug it forms optical link which allows testing of optical network segment by segment.

MTP/MPO connector Loopback is suitable solution for datacom centers and telecom operators. The Loopback modules are designed to meet low reflection requirement to optimize performance. Our revolutionary production process allows us to manufacture the most precise fixed Loopback module in the market place, by employing a special packaging process that improves thermal stability of insertion loss.

LBA-NMTP12F-S7A-TB

Features:

- Factory terminated and tested connections guarantee maximum channel throughput
- Wiring according to customer specification
- Simple, compact and portable solution
- Available in male and female versions
- Dust cover

Application:

- Fiber optic transceivers testing
- Optical link testing

Specifications:

Item	Singlemode	Multimode
	9/125 µm	50/125, 62.5/125 µm
Insertion Loss (each channel)	≤ 0.75 dB	≤ 0.50 dB
Return Loss (each channel)	≥ 50 dB	-
Temperature Range Operating	-20 °C to 70 °C	
Temperature Range Storage	-20 °C to 70 °C	

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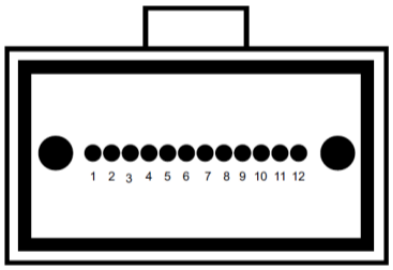
Ordering Code:

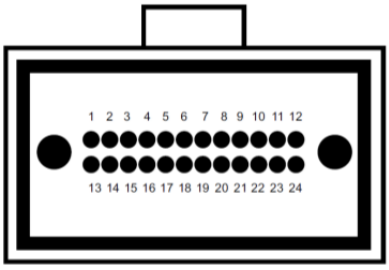
LBA - AAA	-	XX	-	TB
AAA **Connector Type** / **Connector Description** NMTP XYZ — Angled MTP XYZ — Flat X - number of fibers (4, 8, 12, 24) Y - Male (M) or Female (F) Z - Premium (P) or standard (no mark)		**Fiber Type** OM1 — 62.5/125 µm OM2 — 50/125 µm S7A — 9/125 µm		Tight buffered cable

Fiber connection:



12-channels loopback:

1	to	12
2	to	11
3	to	10
4	to	9
5	to	8
6	to	7



24-channels loopback:

1	to	13	7	to	19
2	to	14	8	to	20
3	to	15	9	to	21
4	to	16	10	to	22
5	to	17	11	to	23
6	to	18	12	to	24

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