

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.



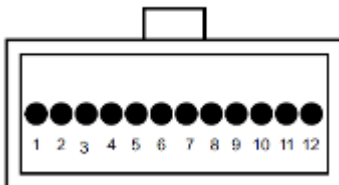
Features:

- 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

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	

Fiber connection:



12-channels loopback:

- F1 to F12
- F2 to F11
- F3 to F10
- F4 to F9
- F5 to F8
- F6 to F7



LBA-MTP12F-OM4-CB

Application:

- Fiber optic transceivers testing
- Optical link testing

Ordering code:

LBA - AAA	XX	XX																
<p>AAA</p> <table border="1"> <thead> <tr> <th>Connector Type</th> <th>Connector Description</th> </tr> </thead> <tbody> <tr> <td>NMTP XYZ</td> <td>Angled</td> </tr> <tr> <td>MTP XYZ</td> <td>Flat</td> </tr> </tbody> </table> <p>X - number of fibers (4, 8, 12, 24) Y - Male (M) or Female (F) Z - Premium (P) or standard (no mark)</p>	Connector Type	Connector Description	NMTP XYZ	Angled	MTP XYZ	Flat	<p>Fiber Type</p> <table border="1"> <tbody> <tr> <td>OM1</td> <td>62.5/125 μm</td> </tr> <tr> <td>OM2-4</td> <td>50/125 μm</td> </tr> <tr> <td>S7A</td> <td>9/125 μm</td> </tr> </tbody> </table>	OM1	62.5/125 μm	OM2-4	50/125 μm	S7A	9/125 μm	<table border="1"> <tbody> <tr> <td>TB</td> <td>Tight buffered cable</td> </tr> <tr> <td>CB</td> <td>Compact box</td> </tr> </tbody> </table>	TB	Tight buffered cable	CB	Compact box
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