

# MPO Loopback

Amphenol MPO loopbacks are used for network diagnostics, testing system configurations, and device burn in. Looping back the signal allows for testing the optical network.

Amphenol's MPO Loopbacks are offered with 8, 12, and 24 fiber options in a compact footprint.

Amphenol's MPO connectors meet TIA/EIA 604-5 and IEC 61754-7.

Amphenol MPO Loopbacks are offered with straight, crossed, or QSFP pin outs.

Please contact Amphenol for assistance with any custom configuring for your MPO loopback needs.



MPO Loopback



MPO Loopback w/Pull Tab

## Product Features and Benefits:

Feature	Description
Wide Variety of Configurations	Available in a wide variety of wiring configurations and fiber types
Standards Compliant	All loopbacks meet TIA/EIA and IEC intermateability standards
RoHS Compliant	All loopbacks are RoHS compliant
Custom Attenuators	Customized attenuation available
Multiple Fiber Counts	8 , 12, and 24 Fiber available
Easy Installation/Removal	Available with or without Pull tabs
Portable	Compact and portable with lanyard feature

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## Product Specifications:

Parameter	Specification
<b>Insertion Loss</b>	
Angle	$\leq 1.5\text{dB}$ typical
Multimode	$\leq 1.0\text{dB}$ typical
<b>Return Loss</b>	
Singlemode (APC)	$\leq -55\text{dB}$



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## Ordering Information:

Adapter Type	Channel	Mode	Attenuation	Logo	Loopback Housing Color	MPO Housing Color
MPO LOOPBACK = 955-5500	12F, 12C, STD1 = 1 12F, 12C, STD2 = 2 8F, 12C, STD3 = 3 8F, 8C, STD1 = 4 8F, 8C, STD2 = 5 24F, 24C STD1 = 6 24F, 24C, STD2 = 7	SM = 1 MM 50M OM2 = 2 MM 50M OM3 = 3 MM 50M OM4 = 4 MM 62.5M OM1 = 5	*Attenuators for SM ONLY 0dB (No Attenuation) = 0 1-9dB Attenuator = 1-9 10-15dB Attenuator = A-F	NO LOGO = 0 LOGO = 1	BLACK = 8	BLUE = 1 GREEN = 3 BLACK = 8 AQUA = C BEIGE = E

### Amphenol

Amphenol is the world's leading interconnectivity provider. Founded in 1932, Amphenol designs, manufactures, and markets fiber optic, electrical, and coaxial interconnect products. Amphenol products are engineered and manufactured in the Americas, Europe, Asia, and Africa and offered through a worldwide sales and marketing organization.

### Experience

As a manufacturer with over 80 years of interconnect design and development, Amphenol leads innovation in connector technology. Utilizing this experience, Amphenol is able to develop a cost effective end-to-end solution to satisfy a customer's full connectivity and cabling needs.

### Reliability

Amphenol has a long history of total quality performance. Our high quality products, helpful customer service, and dependable product support from design through production result in satisfied customers.