

MPO Loopback Plug, Single Mode 9/125 MPO-8 Female Fiber Loopback Adapter, MPO/MTP-APC Connector Loopback Test Plug, MPO Female Loopback Tester

**Product ID:** LOOPBACKMTPSM9125F



This Single Mode MPO Loopback Plug is a practical tool for verifying signal continuity, insertion loss, and port function in fiber optic networks. Ideal for technicians and IT Pros, it enables fast, consistent testing across MPO-based fiber connections.

This 9/125um MPO-8 Loopback Adapter is compatible with OS1 and OS2 cabling in point-to-point and structured installations. IEC and RoHS compliance ensures readiness for standardized deployments and testing in regulated environments.

Validate MPO transceivers, isolate faults, and confirm port behavior across high-speed parallel optic links. The fixed 8-fiber configuration with precision-aligned ferrules deliver clean signaling for accurate, reliable diagnostics.

The MPO-8 female connector attaches to male MPO/MTP interfaces with alignment pins, supporting high-density testing without disrupting adjacent connections. A durable ABS housing withstands wear from repeated use and is suitable for frequent testing in data centers and edge or on-prem installations.

## Certifications, Reports and Compatibility



## Applications

- Verify signal continuity, insertion loss, and port function in fiber optic networks

## Features

- **Reliable Fiber Testing**: Create a loopback test connection with this MPO female Single Mode fiber loopback plug; Female MPO-8 connector for testing male MPO interfaces with fixed alignment pins; Test 8-fiber male MPO/MTP cables and interfaces for continuity
- **Accurate Test Performance**: Maintain precise loopback signaling with insertion loss below 0.35dB; Repeatability within 0.2dB ensures consistent results across multiple connections; Return loss above 50dB minimizes back-reflection for stable signaling
- **Built for Durability**: Optimized for multiple test cycles using high-precision ceramic ferrules in a compact ABS housing; Built in compliance with IEC and RoHS standards for reliable testing in regulated environments
- **Field-Ready Design**: Compact form factor is ideal for technicians performing on-site diagnostics and fault isolation; Quickly troubleshoot cables and verify performance in single mode MPO/MTP patch panels and transceivers; Includes protective dust cap
- **The IT Pro's Choice**: Our network tools and testers are rigorously tested in our Innovation Lab to ensure enterprise-grade reliability and durability; Built for quick diagnostics and routine maintenance across copper and fiber networks; Backed by free lifetime 24/5 multi-lingual technical assistance

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### Hardware

Warranty	2 Years
Fiber Size	9/125
Fiber Classification	OS2
Industry Standards	IEC 6175420

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### Performance

Insertion Rating	Rated for 1,000 testing cycles
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### Connector(s)

Connector A	1 - MPO/MTP
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### Environmental

Operating Temperature	-40C - 75C (-40F to 167F)
Storage Temperature	-40C - 75C (-40F to 167F)
Humidity	N/A

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### Physical Characteristics

Color	Black & Green
Material	ABS

Product Length	2.6 in [65 mm]
Product Width	0.8 in [20 mm]
Product Height	0.3 in [8 mm]
Weight of Product	0.1 oz [4 g]

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**Packaging Information**

Package Length	3.5 in [9.0 cm]
Package Width	4.7 in [12.0 cm]
Package Height	0.2 in [5.0 mm]
Shipping (Package) Weight	0.2 oz [7.0 g]

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**What's in the Box**

Included in Package	1 - MTP/MPO Fiber Loopback Plug - Female
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*\*Product appearance and specifications are subject to change without notice.*