MPO Loopback Module, Single Mode OS2 9/125, MPO-12 Pinned Male Fiber Loopback Adapter, MPO APC Connector Loopback Test Plug, MTP-Compatible Loopback Tester

Product ID: LOOPBACKMTP12OS2SMM



This Single Mode MPO Loopback Module 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-12 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 12-fiber configuration with precision-aligned ferrules deliver clean signaling for accurate, reliable diagnostics.

The MPO-12 male connector attaches directly to female MPO/MTP ports for 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

TAA COMPLIANT

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/APC Single Mode fiber loopback module; Male pinned MPO-12 connector for testing female MPO/MTP ports; Test 12-fiber MPO installations and QSFP transceivers 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 with a high-precision composite ferrule in a compact cable assembly; 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

General		
	UPC	065030925242
	Warranty	1 Year
Physical & Environmental		
	Color	Black & Green
	Material	ABS
	Product Length	5.1 in [13 cm]
	Product Width	0.5 in [11.8 mm]
	Product Height	0.4 in [9.4 mm]
	Weight of Product	0.1 oz [4 g]
	Operating Temperature	-40C - 75C (-40F to 167F)
	Storage Temperature	-40C - 75C (-40F to 167F)
	Humidity	N/A
Performance		
	Insertion Rating	Rated for 1,000 testing cycles

Hardware

Fiber Size	9/125
Fiber Classification	OS1
	OS2
Industry Standards	IEC 6175420

Packaging & In-the-Box

Included in Package	1 - MTP/MPO Fiber Loopback Module - Male
Package Width	4.7 in [12 cm]
Package Depth	8.7 in [22 cm]
Package Height	0.5 in [13 mm]
Shipping (Package) Weight	0.3 oz [9 g]

Product appearance and specifications are subject to change without notice.