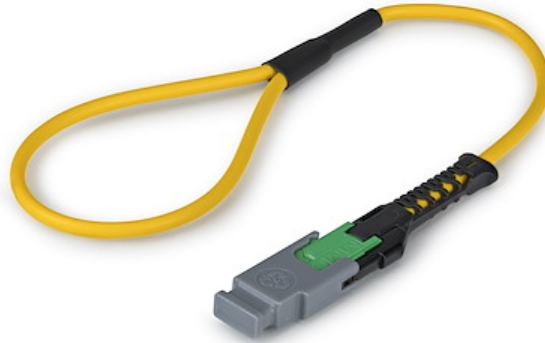


## MMC Loopback Module, 16-Fiber Single Mode 9/125 MMC Female Fiber Loopback Adapter, MMC-16 APC Connector Loopback Tester

**Product ID:** LOOPBACKMMC16OS2F



This Single Mode MMC 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 MMC-based fiber connections.

The 9/125um MMC-16 Loopback Adapter is compatible with OS1 and OS2 16-fiber MMC cabling in point-to-point and structured installations. IEC and RoHS compliance ensures readiness for standardized deployments and testing in regulated environments.

Validate MMC connections, isolate faults, and confirm port behavior across high-speed parallel optic links. The 16-fiber female MMC connector with precision-aligned ferrules deliver clean signaling for accurate, reliable diagnostics.

The compact MMC-16 female loopback tester attaches to male MMC interfaces 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



### Applications

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

## Features

- **Reliable Fiber Testing:** Create a loopback test connection with this MMC female Single Mode fiber loopback module; Female non-pinned MMC-16 connector for testing male MMC interfaces; Test 16-fiber MMC cable runs 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 60dB minimizes back-reflection for stable signaling
- **Built for Durability:** Optimized for multiple test cycles with a high-precision composite ferrule 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 and verify performance in single mode MMC-16 patch panels and transceivers; Includes protective dust caps
- **The IT Pro's Choice:** Our network tools and testers are rigorously tested in our Innovation Lab to ensure enterprise-grade reliability; Built for quick diagnostics across copper and fiber networks; Backed by lifetime 24/5 multi-lingual technical assistance

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### General

|          |              |
|----------|--------------|
| UPC      | 065030930840 |
| Warranty | 1 Year       |

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### Physical & Environmental

|                       |                           |
|-----------------------|---------------------------|
| Material              | ABS                       |
| Product Length        | 9.5 in [24.2 cm]          |
| Product Width         | 0.4 in [9.7 mm]           |
| Product Height        | 0.1 in [3.8 mm]           |
| Weight of Product     | 0.1 oz [3 g]              |
| Operating Temperature | -40C - 75C (-40F to 167F) |
| Storage Temperature   | -40C - 75C (-40F to 167F) |
| Humidity              | N/A                       |

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### Performance

|                  |                                |
|------------------|--------------------------------|
| Insertion Rating | Rated for 1,000 testing cycles |
|------------------|--------------------------------|

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### Hardware

|            |       |
|------------|-------|
| Fiber Size | 9/125 |
|------------|-------|

|                      |             |
|----------------------|-------------|
| Fiber Classification | OS1         |
|                      | OS2         |
| Industry Standards   | IEC 6175420 |

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#### Packaging & In-the-Box

|                           |                                          |
|---------------------------|------------------------------------------|
| Included in Package       | 1 - MMC16 Fiber Loopback Module - Female |
| Package Width             | 4.7 in [12 cm]                           |
| Package Depth             | 8.7 in [22 cm]                           |
| Package Height            | 0.4 in [10 mm]                           |
| Shipping (Package) Weight | 0.4 oz [10 g]                            |

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***\*Product appearance and specifications are subject to change without notice.***