

SMART TESTER MPO 12 FIBER

Part Number: **AFT-G-FC-MPO-02**

Continuity and Polarity Test Module

The **SMART TESTER MPO 12 FIBER** verifies the polarity for 8F & 12F MPO assemblies. The tester will test both SM (angled) & MM (flat) MPO assemblies.

The compact size, robust steel housing, highly stable light sources and rechargeable battery make the **SMART TESTER MPO 12 FIBER** a must have for benchtop and field applications.



TYPICAL APPLICATIONS



Field Installations



Data Centers



Central Office



FTTH Networks



FTTA Networks



Medical Devices



Engineering Labs

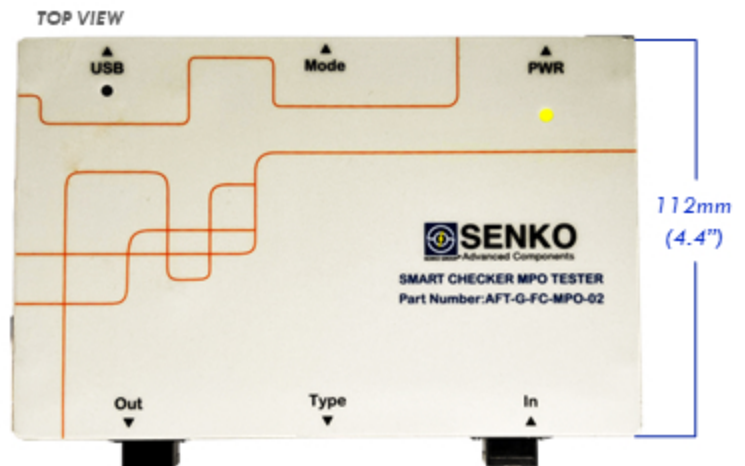
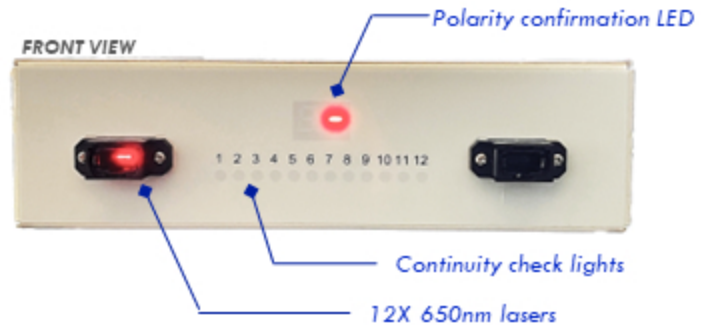
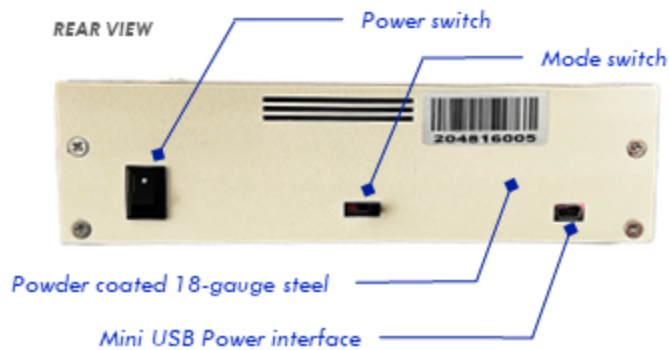
KEY FEATURES

- Checks continuity of all 12 fibers in the array with visible red light for distances >1KM.
- Verifies 12 and 8 fiber polarity to TIA 568 Methods A, B and C in < 2 secs.
- Three Operation modes:
 - Continuous Wave
 - Pulse
 - Scanning.
- Rechargeable battery with 0% to 100% charge in < 1 hour. 5 hours battery life.

DIMENSIONS:

Length: **170mm (6.7")** Height: **47mm (2.0")**

Width: **110mm (4.3")** Weight: **800g (1.8lb)**



SPECIFICATIONS:

Output Laser Class:	2M	Supply Voltage:	5V
Output Wavelength:	650nm ±10nm @ 25°C	Input Charging Power:	5V 1A
Output Power:	>0.4mW @ 25°C into SMF	Battery Service Time:	5+ hours
Output Emitting Range:	>5KM	0% to 100% charge Time:	< 1 hour
Output Port Configuration:	Pinned (male) MPO	Power Interface:	USB Mini
Input Wavelength:	650nm	Operating Temp Range:	0°C to +50°C
Input Port Configuration:	Pinned (male) MPO	Storage Temp Range:	-20°C to +70°C

	SMART CLEANER MPO	Unpinned Launch Cable	Extension Launch Cable
Part Number:	SCK-SS-MPO	AFT-G-FC-A-J1	AFT-G-FC-A-J2
Notes:	Cleans in adapter and unmated MPO including the SMART TESTER MPO ports.	0.5M 12 fiber assembly with unpinned MPO on both ends. Use for testing MPO cassette modules and MPO patch panels.	0.5M 12 fiber assembly with pinned MPO to unpinned MPO. Use for applications need additional length for testing.

HOW TO: CHECK POLARITY AND CONTINUITY

Senko's SMART TESTER MPO verifies polarity and continuity of 8F/12F MPO non-pinned assemblies, testing to TIA 568 Method A, B or C.



1 Remove the protective port plugs and clean the port end face using a MPO cleaner.



2 Remove the prospective end cap from the MPO assembly and clean the connector.



3 Plug the both ends of the unpinned MPO assembly into tester ports after cleaning.



4 Move mode switch to the left position and then engage the power switch.



- ✓ Replace the protective port plugs back into the tester after you have finished testing.
- ✓ Cleaning the tester ports and MPO assembly before testing will avoid cross contamination