MPO 12F Tester

Specification
&
Operating Manual

VER 4.0

光技術をサポートする
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1. Description:



The MPO Tester is a very useful tool designed for checking the defects of a MPO arrayed fiber cable or MPO Connector. The MPO emits a visible 650 nm wavelength visible red laser light through fiber optic cables, then if there are breaks or defects in the fiber will refract the light, creating a bright glow around the faulty area.

The LD output signal can be all 12 Fibers switched to CW Mode to obtain different visual effects.

2. Features:

- Easy to check fiber faults by using 650 nm visual red laser
- Range: visibility up to SMF or MMF Fiber 1 km
- 12F MPO Connector for testing additional
- Highly effective power circuits designed for stable laser power
- Operating in Continuous Wave (CW) Mode or Pulse Mode
- Driven by external USB with power bank battery

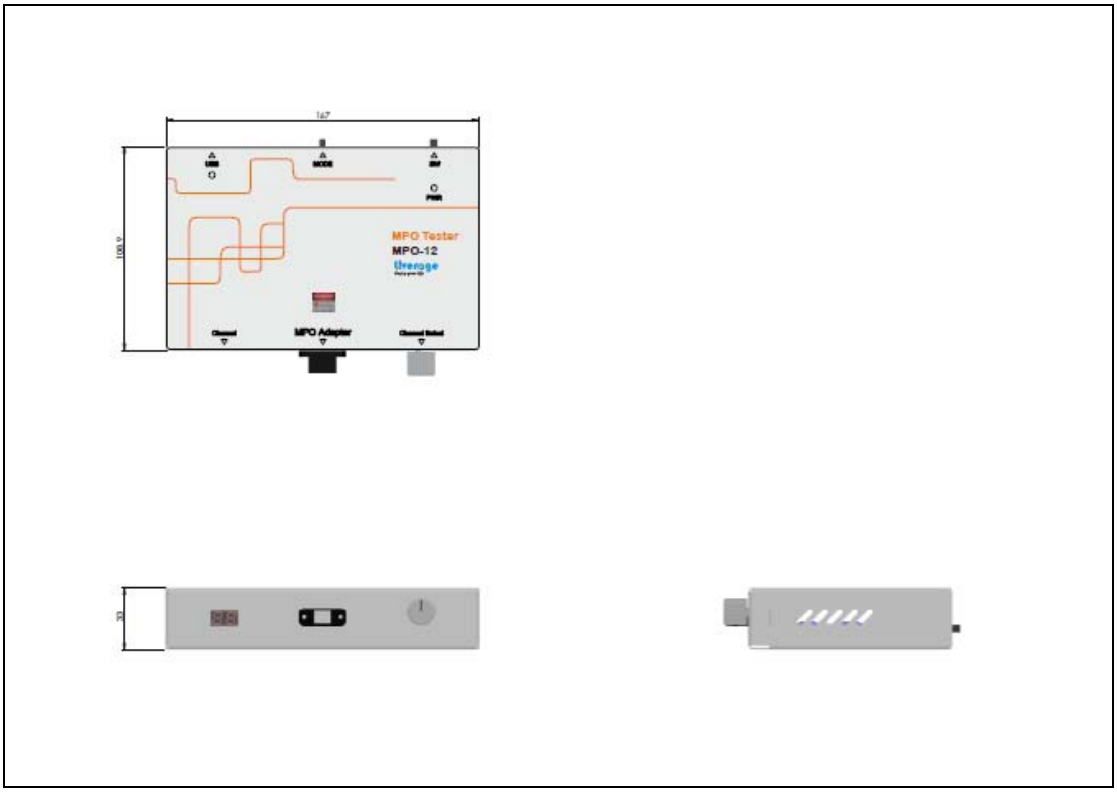
3. Specification

Laser Class	Class 2M
Wavelength	650 nm ± 10 nm @ 25℃
Spectral Width	< 10 nm
Output Power	> 0.4 mW @ 25℃ into 9 μm fiber
Emitting Range	Visibility up to 1 km
Operating Temp.	0℃ ~ 50℃
Storage Temp.	0℃ ~ 70℃
Dimension	168 x 109 x 33 mm

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4. Dimension (in mm)



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5. Operating Manual

1. To connect MPO Tester to USB to charge the internal battery.

2. Connecting the MPO fibers (DUT, Device Under Test) to the MPO Tester Adapter.

3. Turn on the MPO tester

4. To check if the MPO fibers all shown red dots, that means, the MPO fibers performed well and fine.

6. To turn off the MPO Switch

7. To disconnect the DUT for MPO Adapter.

8. You can switch the Mode to CW (Continuous Wavelength) Mode or Pulse Mode.

9. To disconnect the USB.

10. To store the MPO Tester properly.

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6. Ordering Information:

Part Number	Description		
	Wavelength	Cores	Output Power
S2010120650	**650 nm**	**12F**	**> 0.4 mW**

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Record of Revisions		
Rev.	Date	Description of Change
VER 1.0	2013.01.23	PRELIMINARY VER 1.0 Released
VER 2.0	2013.07.15	Features & Operating Manual added. Drawing modified.
VER 3.0	2014.01.15	Adding CW & Pulse Mode
VER 4.0	2015.01.20	Drawing modified. & Operating Manual modified.

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