

# OP480MT

## MultiFiber Polarity Tester

### Overview

The **OP480MT MultiFiber Polarity Tester** automates testing for broken and crossed fibers with immediate and easy-to-read results. Since it uses a non-contact method of testing, the OP480MT reduces the number of times a cable must be connected during production. With fast testing time and customizable configurations, it can greatly reduce major bottlenecks in the production process. Once connected, polarity and continuity are identified almost instantaneously.

*Note: Included with each OP480MT is a twelve-inch (30cm) SAVER cable available in either male or female MTP connectors. This will help prevent the output interface from potential damage or premature replacement which can create significant downtime. The SAVER cable can simply be repolished or reordered from OptoTest whenever it becomes damaged.*



Model OP480MT MultiFiber Polarity Tester

### Key Benefits

- Portable
- Fully automated
- Tests up to 12 channels in under a second
- No physical contact during measurement
- Works with single mode & multimode cables
- Configurations to test multiple pinouts for 12 channel, 8 channel, and 4 channel cables, as well as custom channel counts and mappings
- Charges via USB port
- Up to 90 hours of continuous use on a single charge



OP280MT Ribbon Fiber Visual Fault Locator connected to an OP480MT Multifiber Polarity Tester

### MultiFiber Polarity Tester

When used in conjunction with the **OP280MT Ribbon Visual Fault Locator**, the **OP480MT** quickly displays results for many different ribbon configurations and channel counts including type A, B, C, and Universal. Additionally, it can be configured with a user-defined custom mapping via utility software.

# SPECIFICATIONS

## OP480MT

Detection Modes	Manual, Auto Detect*
Auto Detected Polarities	Type A,B,C, and Universal presets** plus customizable mappings
Optical Interface	MTP/MPO APC male
Internal Fiber	62.5µm
Detector Relative Sensitivity at 650nm	-30dB
Compatible Source Wavelength Range	650nm to 1050nm
Internal Battery	Li-ion 900mAh
Power Supply & Charge	+5VDC 1A, fast charge
Communication & Charge	USB 2.0, charging up to 1A
Dimensions	8.5" x 3.5" x 1.2"
Weight	1.23lbs (0.56kg)

\* Auto Detect requires OP280MT with proper firmware.

\*\* Presets supports common 12, 8, and 4 fiber population.

## Laser Classifications

All **OP940 Insertion Loss and Return Loss Test Sets** utilize a **Class I Laser Source**. Unless otherwise noted, all **OP250**, **OP715**, and **OP750** source units with internal laser sources utilize a **Class I Laser Source**. Unless otherwise noted, all **OP815** and **OP850 Insertion Loss Test Sets** with internal laser sources utilize a **Class I Laser source**. All **OP280 Visual Fault Finder** units utilize a **Class III Laser Source**.

*OptoTest strongly suggests that all necessary precautions be taken whenever any Class I or Class III laser source is used.*

Specifications are subject to change, please confirm specific performance characteristics of the product at the time of ordering. All specifications are valid within temperature range of 18°C to 24°C unless otherwise noted. For additional specifications please contact OptoTest.