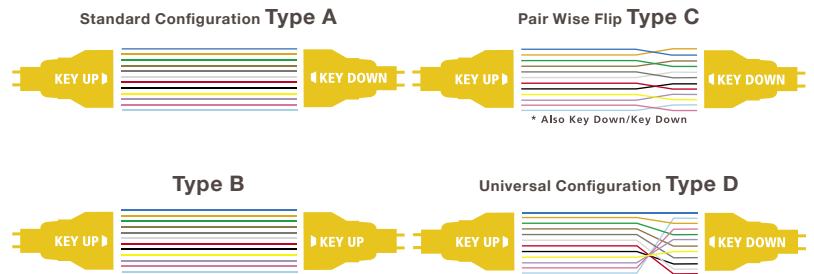


Test Solutions for Fiber Optics

MultiFiber Polarity Tester

Is your MPO Polarity Testing Automated?

With the increased use of ribbon fiber in the network, the potential for crossed fibers also increases. Many of today's testing technologies provide for a visual polarity check, but these methods carry with it inaccuracies due to operator error. In addition, these methods lack automation and can take minutes to verify every channel individually. With the **OP280 Ribbon Fault Locator** and **OP480 MultiFiber Polarity Tester**, you can test polarity on 12 channels in under one second.



Four standard pre-programmed mappings.

Achieving Accurate Results with OptoTest's OP480

OptoTest's OP480 MultiFiber Polarity Tester automates testing for broken and crossed fibers with immediate and easy-to-read results. When used in conjunction with the OP280 Ribbon Visual Fault Locator, the OP480 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.

Since it uses a non-contact method of testing, the OP480 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.

When used in conjunction with an OP280 Ribbon Visual Fault Locator, the OP480 can automatically detect the mapping of the fiber.



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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



The OP480 provides a simple, handheld solution for testing polarity of multifiber connectors such as MTP/MPO, MXC, and PRIZM.

Specifications

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	2.57lbs (1.17kg)

* Auto Detect requires OP280MT 2012 or later.

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

Multifiber Polarity Test Kit



The OP-POLARITYKIT-12 includes:

- OP280MT Ribbon Visual Fault Locator
- OP480MT Multifiber Polarity Tester
- Launch and Receive Optical Cables
- Mating Adapters
- Cleaning Tools
- OP280 | OP480 Software
- Portable Power Pack
- Carrying Case

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