

# OP415

## Polarity Analyzer

The **OP415 Polarity Analyzer** provides multiple capabilities for your MTP®/MPO cable production and R&D facilities.



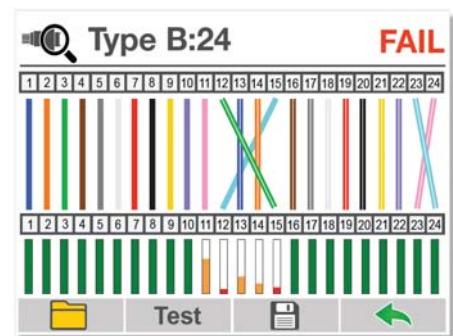
Model OP415 Polarity Tester

## Capabilities

- Test 24 fiber cables for polarity in **1.5 seconds**
- Replaceable front panel cartridges for use with 16, 12, or 8 fiber MTP®/MPO configurations
- Test for polarity types A, B, C or custom configurations:
  - (1) simple Pass/Fail of predefined polarity type
  - (2) or identify cable polarity type
- Learns polarity types from existing cables and stores your custom polarity for instant retrieval
- Visual Fault Finder with 24 individual bright red 650nm lasers help with visual channel recognition and routing
- Especially useful with round non-color-coded fibers; simply terminate one end and use the VFL feature to identify channels for second connector termination
- Power level display provides valuable feedback on the quality of the termination per channel
- Built-in memory stores results for later analysis
- Full color touchscreen shows fiber mapping graphically for rapid production

## Specifications

Laser Sources, Red Visible Light	24	
Optical Interface	Source: SM MTP APC male	Receive: MM MTP APC male
Internal Fiber	Source: 9/125µm	Receive: 62.5/125µm
Laser Wavelength	650nm	
Output Power (Typical)	1.0 mW	
Power Supply	+9VDC 5A	
Data Interface	USB 2.0	
Dimensions	8.5" x 3.5" x 10"	
Test Time (24f)	< 1.5s	



OP415 Full Color Touch Screen  
Indicates Power Level for Each Fiber

Distribution in the UK & Ireland



**Characterisation,  
Measurement &  
Analysis**

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