PT5 | Polarity Tester

Product Description

The PT5 Polarity Tester is a simple, user-friendly instrument specifically designed to check the polarity of multi-fiber trunk cables. The PT5 can significantly improve throughput in a production environment where the possibility of process errors demands an efficient method to test and confirm the correct polarity.

The PT5 supports testing of up to 24 fiber single-mode and multimode ribbon cables. Intuitive software quickly displays PASS/FAIL results for any ribbon configuration including type A, B, C, D and custom profiles.

Testing can be performed through the included software package which enables management of unlimited custom cable types and the ability to export test results to Microsoft Excel. The software also provides access to a Visual Fault Locator mode which enables easy identification of any damaged fiber.

KEY FEATURES
- Simple Pass/Fail results
- Up to 24 fibers
- Testing results can easily be exported to EXCEL

APPLICATIONS
- MPO cable assembly testing
- Ribbon cable manufacturing
- QC Inspection

IN THE BOX
- PT5 Polarity Tester
- USB power/Data cable
- Female-Female APC MPO SM test jumper
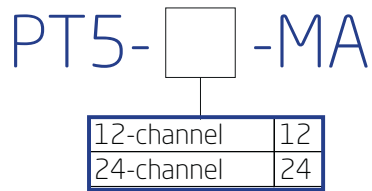- Polarity Test Software and drivers

Ordering Scheme

PT5-☐-MA

12-channel	12
24-channel	24

Specifications

OPTICAL / ELECTRICAL SPECIFICATIONS		
Parameter	**Specification**	
Operating Wavelengths (nm)	650	
Laser Class	2	
Optics Interface	Output	MTP/MPO APC Male (SM)
	Input	MTP/MPO UPC Male (MM)
Remote Interface	USB 2.0	
Detected Polarities	A,B,C,D plus unlimited customizable mappings	
Test Time	<2s	
IL Tolerance	<6dB	
Communication & Charge	USB 2.0, charging up to 1A	

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS	
Parameter	**Specification**
Unit Dimensions W x H x D (cm)	26 x 11 x 26
Shipping Box Dimensions W x H x D (cm)	37 x 25 x 38
Unit Weight (kg)	3
Total Shipment Weight (kg)	4
Operating Temperature (°C)	0 to 40
Storage Temperature (°C)	–40 to 60
Humidity (Non-condensing) (°C)	Maximum 95% RH from 0 to 40