



Product Description

The MS4 Polarity Tester is a simple, user-friendly module specifically designed to check the polarity of multi-fiber trunk cables. The MS4 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 MS4 supports testing of up to 48 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.

The MS4 can be paired with an MS12 Return Loss module inside one of the MS Mainframes to provide IL, RL & Polarity results in a single station using the MS12001 software.

KEY FEATURES

- Simple Pass/Fail results
- Up to 48 channels in one module with the ability to expand to 432 channels
- Testing results can easily be exported to EXCEL
- MS12001 software & database integration

APPLICATIONS

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

IN THE BOX

- MS4 Polarity Test module
- USB power/Data cable

Ordering Scheme

MS4- -MA

NUMBER OF CHANNELS	
12	12-channel
24	24-channel
48	48-channel

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)
Detected Polarities	A,B,C,D plus unlimited customizable mappings	
Test Time	<2s	
IL Tolerance	<6dB	

MECHANICAL / ENVIRONMENTAL SPECIFICATIONS		
Parameter	Specification	
Number of slots	2	
Unit Dimensions W x H x D (cm)	11.2 x 12.5 x 28.2	
Shipping Box Dimensions W x H x D (cm)	43 x 27 x 47	
Unit Weight (kg)	0.9	
Total Shipment Weight (kg)	From 1 (depending on number of modules purchased)	
Operating Temperature (°C)	0 to 40	
Storage Temperature (°C)	-40 to 60	
Humidity (Non-condensing)	Maximum 80% RH at 40	

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