

Tier 1

Specification	Multimode	Single-Mode
Testing speed for 12 channels ¹	6 seconds max	
Pass/fail limit standards	TIA 568.3, ISO 11801 and ISO/IEC 14763-3, link validation	
Fiber types	50/125 μm	9/125 μm
Nominal test wavelengths	850/1300 nm	1310/1550 nm
Maximum length measurement	1 km	10 km
Length measurement accuracy	$\pm 1.5 \text{ m} \pm 1\%$ of length	
Loss measurement uncertainty ^{2,3}	$\pm 0.15 \text{ dB}$	

1. Excludes referencing and connection times

2. Excluded fiber connector uncertainties.

3. After 20 min warm up, at constant temperature, no charging. For multimode loss measurements with 50/125 μm fibers (NA = 0.20). For single-mode loss measurements with 9/125 μm fibers (NA = 0.10).

Patchcord Microscope (PCM)

Specification		
Optical interface	FMAE MPO (many other adapters available)	
Auto pass/fail analysis standards	IEC 61300-3-35 and custom limits	
Live image	320 x 240 x 8 bit grey, 10 fps	
Light source	Blue LED, 100,000+ hours life	
Lighting technique	Coaxial	
Magnification field-of-view low/high	Horizontal	740/370 μm
	Vertical	550/275 μm
External USB connected P5000i digital inspection probe supported		

PCM models include 2330/11S, 2330/01S and 2330/31

General

Specification	without PCM	with PCM
Display	High-contrast 3.5" color LCD with touch-screen functionality	
Data memory	Up to 10,000 loss test results (>1000 including inspection)	
Data readout	Via client USB interface, and wireless via USB WiFi/Bluetooth adapter (option)	
Electrical interfaces	2 x USB host, 1x micro USB, Ethernet	
Power supply	12 V, 2A with interchangeable wall plug for EU, UK, US, and AU	
Battery	Li-ion pack 3.7 V, 20 Wh (optional 8 NiMH/dry batteries)	
Battery life (Li-ion battery pack)	>12 hr	
Recommended recal. interval	3 years	
Dimensions (H x W x D)	208 x 112 x 64 mm (8.2 x 4.4 x 2.5 in)	208 x 153 x 64 mm (8.2 x 6.0 x 2.5 in)
Weight	750 g (1.6 lb)	850 g (1.85 lb)
Operating temperature range	-5° to +45° C (23° to 113° F)	
Storage temperature range	-25° to +55° C (-13° to 131° F)	



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