

SPECIFICATION SHEET **PMD440** FIELD POLARIZATION MODE DISPERSION MEASUREMENT SYSTEM

Toshiba Satellite with Pentium class processor		
Windows [®] based		
-50 to 250 ps		
Michelson Interferometer		
32 seconds maximum, 16 seconds typical		
Operating: Storage:	0 to +40° C -20 to +65° C	
Light Source: Receiver:	24 x 15 x 6 cm (9.4 x 5.9 x 2.4 inches) 36 x 32 x 11 cm (14.2 x 12.6 x 4.3 inches)	
Light Source: Receiver:	0.68 kg (1.5 lbs) 3.62 kg (8.0 lbs)	
Light Source: Receiver:	90-260 V AC, 50/60 Hz, 10 W 90-260 V AC, 50/60 Hz, 30 W	
	Toshiba Satelli Windows® base -50 to 250 ps Michelson Inte 32 seconds m Operating: Storage: Light Source: Receiver: Light Source: Receiver: Light Source: Receiver: Light Source: Receiver:	

Light Sources Available

PMD Test Wavelength	Dynamic Range	Spectral Width (FWHM)	Typ. Random PMD Measurement Range ¹	Typ. Deterministic PMD Measurement Range ²
1310 ± 30 nm	30 dB	55 nm	0.06 to 80 ps	0.06 to 250 ps
1310 ± 25 nm	40 dB	35 nm	0.06 to 80 ps	0.06 to 250 ps
1550 ± 30 nm	30 dB	80 nm	0.06 to 80 ps	0.06 to 250 ps
1550 ± 20 nm	40 dB	60 nm	0.06 to 80 ps	0.06 to 250 ps
1620 ± 20 nm	40 dB	55 nm	0.35 to 80 ps	0.35 to 250 ps

¹ Typical telecommunications fiber measurements.

²Polarization maintaining fiber or artifact measurements.

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