

Polarization Mode Dispersion (PMD) Analyzer

(0.045 ~ 2.6GHz, SM28 Fiber)

Product Description

This Polarization Mode Dispersion Analyzer provides a cost effective way to measure PMD in your system. It is based on General Interferometric Technique with an exceptionally large dynamical range. They are available in 850nm, 1310nm, 1550nm, 2000nm wavelength bands. The instrument is a useful tool in diagnosing sensor and coherent communication systems. The desktop module has 100-220 AC power input and a USB computer interface with GUI.



Performance Specifications

Parameter	Min	Typical	Max	Unit
Optical Wavelength	850±40,	1310±40,1530-1625 ,	1900-2200	nm
Measurement PMD Range	0.1		200	ps
Measurement Sensitivity	-45		-6	dBm
Absolute Uncertainty (for any PMD value)	0.02%		2%	ps
Measurement Time		4		s
Power Consumption	3			w
Weight	1			kg
Operating Temperature	-0		45	°C
Storage Temperature	-45		85	°C

Features

- Low Loss
- Low Cost
- Stable

Applications

- GSM Repeater
- CDMA Repeater
- WCDMA Repeater
- PHS Repeater
- Digital TV Repeater
- Broadcast Repeater

Dimensions (Unit: mm)

*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Electrical/Computer Connection

Ordering Information

PMDA-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Type	Wavelength	PMD Range	Package			WDM	Fiber Connector
	Standard = 11 Special = 00	1310 nm=3 1550 nm=5 1490 nm = 4 850 nm =8 2000nm =2 Special = 0	Standard = 1 Large =2 Special=0	Module=1 Rack =2 Special =0				FC/APC = 2 FC/UPC = 3 SC/APC = 4 SC/UPC = 5 Special = 0

- Special order