

Picosecond Waveform Analyzer PWA-1000

Key Features

- Wide bandwidth of >500GHz
- Ultra Low Jitter Sampling Metrology
- All-optical sampling

Applications

- High Speed Waveform Diagnostics
- Waveform Shape and Distortion Analysis
- Ultra-Speed Optical Telecommunication



Category	Parameter	Specification			
		Min.	Typ.	Max.	Unit
Optical Characteristics	Bandwidth		500		GHz
	Temporal Resolution		1		ps
	Signal Repetition/Data Rate		> 200		MHz
	Wavelength Range	1530		1563	nm
	Peak Power Sensitivity	5			mW
	Input Polarization	Slow Axis with PM Fiber Input			
	Modulation Format	NRZ, RZ, CSRZ, Inverse-RZ, D/QPSK, Pulse			
	Number of Optical Channels	1 or 2			
	Optical Connector	FC or SC, UPC or APC			
Electrical Characteristics	RF Clock Input ⁽¹⁾	Option			
	RF Clock Input Level	-5		3	dBm
	RF Clock Input Frequency	0.1		10	GHz
	Computer Interface	USB 2.0			
Recommended Operating Conditions	Power Supply	AC 100~240 (50/60 Hz)			
	Operating Temperature	+15 ~ +35			
	Storage Temperature	0 to +50			
Physical	Dimension (WxHxD)	485 x 140 x 375			
	Weight	15			

Note: (1) Only available for unit with optical clock option.

Order Instruction

Model PWA-1000-CHX-YY-ZZ

CHX : CH1 --> One Channel, CH2 --> Dual Channels
 YY: NA --> No Optical Clock, OC --> With Optical Clock
 ZZ: FU-->FC/UPC, SU-->SC/UPC, FA-->FC/APC, SA-->SC/APC

