

ACP8722C/ACP8724C/ACP8728C 2/4/8 CHANNEL OPTICAL POWER METERS



ACP8722C/ACP8724C/ACP8728C 2/4/8 CHANNEL OPTICAL POWER METERS are computer controlled multiport optical power meters for optical component test systems and offer superior performances for testing of multi-channel DWDM, WSS, ROADM, AWG & PLC components and modules, optical amplifiers, DWDM systems and other multiport fiber optical test and measurement applications. They can be integrated with tunable laser sources, optical attenuators & PDL controllers, etc., forming a high performance passive components and modules automatic test system.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications		
	ACP8722C	ACP8724C	ACP8728C
Model #	ACP8722C	ACP8724C	ACP8728C
Channel Number	2 Channels	4 Channels	8 Channels
Wavelength Range	850 ~ 1700nm		
Power Range	+5.0 ~ -75dBm		
Sampling Speed	10us (100KHz)		
Application Fiber Type	Standard SM and MM up to 62.5um core size		
Calibration Wavelength	850, 980, 1300, 1310, 1490, 1550, 1625nm		
Uncertainty (accuracy) at Reference Condition	±4% (1200nm ~ 1610nm)		
Relative Uncertainty (accuracy) at Reference Condition	<0.04dB (Typical)		
Linearity (power)	≤±0.06dB (1200nm ~ 1610nm, +0~ -60dBm)		
Return Loss	>40dB		
Operating Temperature	0 to +40°C		
Storage Temperature	- 30 to +80°C		
Recalibration Period	2 years		
Power Adaptor Power	AC 100 - 240 V ± 10%, 48 - 66 Hz, 100 VA max.		
Display	PC Interface		
Communication Port	USB and RS232		
Work Environmental	-10°C to +70°C, 0°C to +45°C <95% R.H. from 0°C to +45°C		
Package Dimensions (HxWxD)	45mm x 235mm x 310mm		
Weight	10.0 lbs		

FEATURES

- 2, 4, 8 Channel Optional
- High Dynamic Range
- High Speed Data Acquisition and Fast Data Transfer to Computer
- Multiple Channel Test Simultaneously
- Save Space and Communicate with Computer with USB/RS232 Cable

APPLICATION

- PLC, AWG, WSS, ROADM, Multiport Components and Modules Production Lines Testing
- Fiber Grating Sensor Testing
- PMD and PDL Measurement
- Fiber Optical , Telcom R & D Lab Test
- Fiber Optical Component Testing Systems

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COMPUTER GUI

