

ACP8310/ACP8320 Desktop Variable Optical Attenuators



ACP8310/ACP8320 Desktop Variable Optical Attenuators offer superior performances in applications such as channel balancing, power equalization, gain tilt and power adjust of DWDM system, EDFA, AWG & PLC, Transceiver/ Receiver testing, and other general purpose fiber optical test and measurement systems.

ACP8310 provides 0 ~ 60 dB single mode continuous attenuation range. ACP8320 provides 0 ~ 40 dB multi-mode continuous attenuation range. They are high performance, small dimension, fast startup, and affordable optical attenuator test system. There are low power, high power, single and multiple channel optical attenuator module options, with channel count up to 16 channels.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
	ACP8310	ACP8320
Model #	ACP8310	ACP8320
Wavelength Range	1310/1490/1550 /1625nm	850nm
Attenuator Range	0 ~ 60dB	0 ~ 40dB
Insertion Loss	<1.8dB	
Fiber Type	9/125um single mode	MMF 50/62.5um auto selection
Connector Type	FC/PC Connector	
Attenuator Accuracy	≤±0.1dB typ (0 ~ 40dB)	≤±0.2dB
Repeatability	≤±0.015dB	≤±0.05dB
Attenuation Transition Speed	0.1 ~ 50dB/s	0.1 ~ 16 dB/s
Polarization Depend Loss	≤±0.1dB	
Polarization Mode Dispersion	5fs	
Return Loss	>40dB	>30dB
Operating Temperature	-10 to +60°C	
Storage Temperature	-40 to +80°C	
Recalibration Period	2 years	
Operating Temperature	0 to +40°C	
Storage Temperature	- 30 to +80°C	
Power	100 ~ 240V	
Package Dimensions (HxWxD)	105mm x 245mm x 320mm	
Weight	3kg	

FEATURES

- Continuous Attenuation
- Quick Startup
- Resistance for Mechanical Vibration
- Small Dimension
- Affordable Price

APPLICATION

- Channel Balance for DWDM Systems
- Power Equalization in Optical Add/Drop Modules
- Gain Tilt and Power Adjustment in EDFA
- Receiver Protection
- Transceiver/Receiver Performance Testing

ACP8310/ACP8320 Desktop Variable Optical Attenuators

AC PHOTONICS TEST AND MEASUREMENT SUPPORT, SERVICES AND ASSISTANCE

AC Photonics provides high performance, high value, low cost, affordable test and measurement instruments solution for our customers. Our extensive support sources can help you choose right AC Photonics' products for your application and apply them successfully. Every instruments and system we sell a global warranty. All of our instruments with at least 18 months factory warranty.