

DATASHEET

Handheld Optical Variable Attenuator (0-80dB)



OMC INDUSTRY CO.LIMITED



Handheld Optical Variable Attenuator-EVA50(Digital)

Products description:

Handheld Optical Variable Attenuator are mainly used in fiber optic to debug optical power performance & optical instrument calibration correction & fiber signal attenuation to ensure the optical power in a stable and desired level in the link without any changes on its original transmission wave.



Specifications

Part No.	EVA50-40	EVA50-60	EVA50-80
Attenuating Range	40 dB (SM)	60 dB (SM)	80 dB (SM)
Calibrated Wavelengths	1310nm / 1490nm / 1550nm		
Fiber Mode	9/125um		
Attenuating Mode	Digital		
Display Resolving Power	0.1 dB		
Display	LCD, 128*64		
Max Input Power	+ 28 dBm		
Return Loss*	> 40 dB		
Insertion Loss*	< 2.5 dB		
Optical Connector	FC/PC (or customize other connectors)		
Uncertainty	± 0.5 dB		
Repeatability*	± 0.2 dB		
RS-232	Optional		
Auto Power Off	No operation in 10 minutes (can be canceled), Low battery energy		
Battery Charge	Yes		
Operate Time	Above 20 hours		
Storage Temperature	-20 -- +60 °C, 90%RH		
Operating Temperature	-10 -- +50 °C, 90%RH		
Power Supply	3 * AA batteries or AC/DC adapter		
Size	190mm * 90mm * 40mm		
Weight	About 450g		

Accessories-Standard



说明书×1



Accessories-Optional





Handheld Optical Variable Attenuator-FHA2

Products description:

FHA2 Series Optical Variable Attenuator is a compact and portable instrument widely used in fiber link certification and routine maintenance as well as in lab environment.

Features

Low insertion loss, wide attenuation range
Two attenuation steps available:1dB, 0.05dB
Reference function
Presetting values to save frequently used values

Application:

Maintenance for telecom system
Maintenance for CATV System
Fiber optic transmission system & Test lab



Specifications

Model	FHA2S01	FHA2S02
Attenuation Range	0~80dB	0~60dB
Fiber Type	SMF 9/125um	
Calibrated Wavelength	1310nm/1550nm	
Linearity	≤0.3dB	
Accuracy	0.2dB@0~30dB 1.0dB@30~60dB 2.0dB@60~80dB	0.2dB@0~20dB 0.5dB@20~50dB 1.0dB@50~60dB
Insertion Loss	<3dB	
Return Loss	>50dB (PC)	
Max Input Power	+24dBm	
Power Supply	2pcs*AA 1.2V Ni-MH batteries	
Connector	Interchangeable FC/PC, SC/PC connectors. (FC/APC, SC/APC are available on request)	
Operating Temperature	-10°C to +50°C	
Storage Temperature	-20°C to +60°C	
Relative Humidity	0%~95% (non-condensing)	
Dimension	160mmL*76mmW*45mmH	
Net Weight	360g (battery included)	

Standard Accessories:

2*FC/PC adapters, 2*SC/PC adapters, 2*rechargeable batteries, AC/DC adapter, 3*ceramic sleeves, carrying bag, user manual, test report

Optional Accessories:

2*ST adapters (
male FC to female LC adapter for LC connector