

# Optical Variable Attenuator (Digital)

## EVA50

- ◆ Most compact and rugged portable attenuator on the market
- ◆ Three wavelengths: 1310nm / 1490nm / 1550nm
- ◆ Different attenuator range, 40dB, 60dB or 80dB
- ◆ Can save current value as reference
- ◆ Can save 10 tracks attenuation value
- ◆ Memorize the value after instruments shut down
- ◆ Energy save mode
- ◆ One-year warranty and Three-year recommended calibration interval



### Standard



Carrying bag



Calibration certificate



Manual



Packing box

### Optional



AC/DC adapter



NEXT-Generation  
Network Measurement

**FTTx**  
Test Solutions



ISO9001



ISO14001:2015

## SPECIFICATIONS

Model	EVA50-40	EVA50-60	EVA50-80
Attenuating Range	40 dB (SM)	60 dB (SM)	80 dB (SM)
Calibrated Wavelengths	1310nm / 1490nm/ 1550nm		
Fiber Mode	SM		
Attenuating Mode	Digital		
Display Resolving Power	0.1 dB		
Display	LCD, 128*64		
Max Input Power	< +21 dBm		
Return Loss*	> 40 dB		
Insertion Loss*	< 2.5 dB		
Connector	FC/PC (or customize)		
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		
Power Supply	3 * AA batteries or AC/DC adapter		

\* at 20±3°C, CW, with FC/PC connector, 1550nm

## GENERAL SPECIFICATIONS

Size(H*W*D)	190mm * 90mm * 40mm
Weight	About 450g
Storage Temperature	-20 -- +60 °C, < 90%RH
Operating Temperature	-10 -- +50 °C, < 90%RH

## ORDERING INFORMATION

**EVA50-XX**

Model

EVA50-40 = 40dB

EVA50-60 = 60dB

EVA50-80 = 80dB