

AE100/AE120/AE160/LS200 Mini Optical Power Meters and Light Source

Key Benefits

- Installation and maintenance of optical networks including CATV and FTTx
- Pocket size and rugged
- Long battery life
- Auto shut down and auto calibration
- LCD Backlight

The AE100 and LS200 series of light sources and optical power meters are perfect for installation and verification of fiber optics networks. These miniature units fit in even the smallest of test locations, enabling users to run optical loss tests, which is a basic test required for all turn-up and maintenance of optical networks.



Specifications

	AE100	AE100A	AE100B	AE120	AE160	Model	LS200A-A	LS200A-B	LS200B
Accuracy	±0.23dB(±5%)			±0.17dB(±3%)			Single Wavelength Light Source	Double Wavelength Light Source	Double Wavelength Light Source
Optical Adapter	InGaAsφ300μm		InGaAs	InGaAs-φ2000μm	InGaAs	Central wavelength	1310±20nm	1550±20nm	1310 & 1550 ± 20nm
Dynamic Range	-70dBm~+6dBm	-43dBm~+25dBm	-43dBm~+25dBm	-43 to +25 dB.	-70dBm~+6dBm	Laser transmitter	FP-LD		
Linearity	0.07dBm~+10dB					Output power	+3 ~ -5 dBm, Stepping 1dB		-3 dBm
Resolution	0.01dB					Fiber	SM		
Wavelength	850nm 980nm 1300nm 1310nm 1490nm 1550nm 1610nm					Power stability	±0.05 db@20°C 1h, ±0.1 db@20°C 8h, After a 15-minute warm-up		
Connector	FC/SC/ST (General)		FC/SC/ST (Adjustable)			Optical adapter	FC\PC		
Battery	Regular AAA Battery		Rechargeable AAA Battery with Charger			Tone generation	270 Hz, 1 kHz, 2 kHz		
Operating Temperature	-10°C~ +60°C					Power	2 x 1.5V AA batteries or rechargeable Ni-MH batteries		
Battery Life	>50 Hours (Backlight Off)					Battery life	>30 h (Light on, backlight off)		
Dimension	119mm x 70mm x 29mm					Operating Temperature	-10°C~ +60 °C		
Weight	200g					Dimensions	119mm x 70mm x 29mm		
						Weight	200g (Battery is exclusive)		