

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

Key Benefits

- Installation and maintenance of optical networks including CATV and FTTx
- Rugged, pocket-size design is built to endure field operations
- 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 and other basic scans required for all turn-up and maintenance of optical networks.





Specifications

Model	AE100		AE100A	AE100B	AE120	AE160	Model	LS200A-A	LS200A-B	LS200B
Accuracy	±0.23dB(±5%)				±0.17dB(±3%)			Single Wavelength	Double Wavelength	Double Wavelength
Optical Adapter	InGaAs Φ 300µm		InGaAs		InGaAs Ф2000µm	InGaAs		Light Source	Light Source	Light Source
Dynamic	-70dBm to -50dBm to		-50dBm to +27dBm		-50 to	-70dBm to	Central wavelength	1310±20nm	1550±20nm	1310 & 1550 ± 20nm
Range	+10dBm +27dBm -007JB + 10JB +27dBm +10dBm						Laser transmitter	FP-LD		
Linearity	0.07dBm to +10dB						Output power	-5 to -3dBm, Stepping 1dB -3dBm		
Resolution	0.01dB						Fiber	SM		
Wavelength	850nm 980nm 1300nm 1310nm 1490nm 1550nm 1610nm							±0.05 db@20°C 1h, ±0.1 db@20°C 8h,		
Connector	FC/SC/ST	(General)	FC/SC/ST (Adjustable)				Power stability	After a 15-minute warm-up		
Battery	Regular AAA Battery Rechargeable AAA Battery with Charger					Optical adapter	FC\PC			
Operating Temperature	-10°C to +60°C						Tone generation	270 Hz, 1 kHz, 2 kHz		
Battery Life	>50 Hours (Backlight Off)						Power	2 x 1.5V AA batteries or rechargeable Ni-MH batteries		
Dimension	119mm x 70mm x 29mm (4.7" x 2.8" x 1.1")						Battery life	>30 h (Light on, backlight off)		
Weight	200g						Operating Temperature	-10°C to +60 °C		
							Dimensions	119mm x 70mm x 29mm (4.7" x 2.8" x 1.1")		
							Weight	200g (Battery is exclusive)		

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