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	Double Wavelength	Double Wavelength	
Optical Adapter	InGaAsφ300μm		InGaAs		InGaAs- ф2000µm	InGaAs		Light Source	Light Source	Light Source
Optical Adapter							Central wavelength	1310±20nm	1550±20nm	1310 & 1550 ± 20nm
Dynamic	-70dBm~+	-43dBm~+	-43dBm~	+25dBm	-43 to + 25 dB.	-70dB- m~+6dBm	Laser transmitter	FP-LD		
Range	6dBm	25dBm					Output power	+3 ~ -5 dBm, Stepping 1dB -3 dBm		
Linearity	0.07dBm~+10dB						Fiber	SM		
Resolution	0.01dB						TIDEI	±0.05 db@20°C 1h, ±0.1 db@20°C 8h, After a 15-minute warm-up		
Wavelength	850nm 980nm 1300nm 1310nm 1490nm 1550nm 1610nm						Power stability			
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	-10% ~ +60%						Power	2 x 1.5V AA batteries or rechargeable Ni-MH batteries		
Temperature							Battery life	>30 h (Light on, backlight off)		
Battery Life	>50 Hours (Backlight Off)						Operating	-10°C~ +60 °C		
Dimension	119mm x 70mm x 29mm						Temperature			
Weight	200g						Dimensions	119mm x 70mm x 29mm		
								200g (Battery is exclusive)		

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