



ALS-20

Adjustable Laser Source

— Ideal tools for fiber optical network

Based on advanced technologies of precision laser control, ShinewayTech ALS-20 series provide high capability of laser source for engineering, R&D and equipment manufacturer. And ALS-20 series are used popularly due to its excellent quality with competitive price, stability, dependability and security. The internal microprocessor and linear amplifier technology ensure the long-time accuracy, together with features of damp and shock proof design and dual-way powering system, the ALS-20 series become ideal tools for optical network system engineering, equipment maintenance and R&D. The ALS-20 series can provide a very stabilized and adjustable optical signal, together with any of ShinewayTech Optical Power Meters, can be used to identify optical fiber, measure optical attenuation and evaluate fiber link transmission quality.

Features

- Pocketsize, easy-to-use
- Realize dual wavelength output with a single port
- Graphic interface, large LCD display
- High stabilized optical signal
- Adjustable power in 6dB
- Dual-way power system
- Modulation in CW and MOD frequencies
- Shock-proof, damp-proof and dustproof Design
- Optional single/dual wavelength
- Auto off function

Shock, damp and dust proof design

With professional shock, damp and dust proof design, the ALS-20 series can work normally under the bad condition in the field, and show the high dependability and security.

Auto-off Function

The ALS-20 series can work continuously and can also conserve the battery life by auto-off function. The unit will power off automatically when no keys have been pressed in five minutes.

Adjustable power in 6dB

Output power is adjustable by 0.1 stepping in 6dB to satisfy the different requirement.



Technical Specifications

Model	ALS-20		
	A	B	C
Wavelength (nm)	1310	1550	1310/1550
Optical Connection	Single port		
Output Mode	CW, 2kHz, 1kHz, 270Hz@1310, 1550		
Display Type	LCD		
Emitter Type	FP-LD		
Connector Type	FC/PC (Interchangeable SC,ST)		
Spectrum Width	≤5nm		
Output Power	-8dBm ~ -2dBm		
Stepping	0.1dB		
Stepping Precision	±0.02dB		
Stability	±0.05dB/15min		
	±0.10dB/8hrs		
Range of Use	Single Mode Fiber		
General Specifications			
Power Supply	NIMH rechargeable battery (1600mAh) / AC adapter		
Battery Life	≥40 hours		
Operating Temp.	0°C~50°C		
Storage Temp.	-20°C~70°C		
Relative Humidity	0~95% (non-condensing)		
Weight	7.7 × 3.9 × 1.7 inch (196 × 100 × 44mm)		
Dimension (H × W × T)	1.4 lbs (650g)		

Ordering Information

Standard Configuration:

Instrument (including rechargeable battery), rubber boot, AC adaptor, compact carrying soft bag, warranty card, CE certification, Certification of calibration, user's manual.

Optional Accessory:

Part Description	Part Number(P/N)	Part Description	Part Number(P/N)
3m, optical patch cord	AC-FJC-03-FC/FC	Fiber Connector Cleaner	AC-CLN-TAPE
50m, optical patch cord	AC-FJC-50-FC/FC	Connector Clean Stick	AC-CLN-STK
SC connector for LS	AC-CONN-SC-L	Ceramics Core for LS	AC-FRL-C
ST connector for LS	AC-CONN-ST-L	Toolkit soft bag	AC-PB-30
Toolkit for luxury package	AC-PB-40		

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