FOLS-B

FIBER OPTICAL LIGHT SOURCE

High Stability ±0.05dB/30min | **SM / MM / PON 4 Models** | **CW / 270 / 330 / 1k / 2kHz** | **Adjustable Power −5~−12dB**

Field Pro Problem Solved: On fiber link testing jobs, technicians need a stable light source to measure insertion loss and verify multi-fiber continuity. The FOLS-B provides high-stability output across SM, MM and PON wavelengths, with Wave ID auto-identification and continuously adjustable power — a perfect companion to optical power meters.

Built for fiber splicers, FTTx installers and CATV maintenance crews, the FOLS-B series is a compact, high-stability fiber optical light source used to test fiber optic link loss and multi-fiber continuity in optical fiber systems.

Key Advantages

- **High stability output** — ±0.05dB/30min at 20°C for accurate loss measurement
- **4 wavelength configurations** — SM 1310/1550, MM 850/1300, PON 1310/1490/1550, SM&MM combo
- **Wave ID auto-identification** — auto-syncs wavelength to a matched optical power meter
- **Adjustable output power** — −5 ~ −12 dBm with on-screen LCD readout



FOLS-B Front View

Applications

- **FTTx construction & maintenance crews** — fiber link loss testing and continuity check
- **Central Office (CO) technicians** — patch cord and connector verification
- **Data center, CATV/HFC & OSP technicians** — multi-fiber continuity and loss certification

Technical Specifications

Model #	FOLS-8530B	FOLS-3155B	FOLS-85303155B	FOLS-314955B
Wavelength (nm)	850 / 1300	1310 / 1550	850/1300 & 1310/1550	1310 / 1490 / 1550
Fiber Type (μm)	62.5 / 125	9 / 125	62.5/125 & 9/125	9 / 125
Type of Laser	FP-LD (DFB on request)			
Output Power (dBm)	≥ −5 | adj. −5 ~ −12 (step ±0.05dB)			
Stability (20°C)	±0.1dB/15min | ±0.05dB/30min			
Modulation (Hz)	CW / 270 / 330 / 1k / 2k			
Connector Port	FC/PC			
Power Supply	AA 1.5V × 3 (Alkaline / Ni-MH) + DC 5V Adapter			
Battery Life / Auto Shutdown (min)	45 / 10			
Operating / Storage Temp (°C)	−10 ~ +60 / −25 ~ +70			
Dimension / Weight	175 × 90 × 44.5 mm / 255 g			