FOLS-A

FIBER OPTICAL LIGHT SOURCE

High Stability ±0.15dB/8h | **SM/MM/PON 4 Models** | **CW/270/1k/2kHz Modulation** | **FC/SC Dual Connector**

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-A provides high-stability output across SM, MM and PON wavelengths, with CW and modulated modes for accurate loss testing — a perfect companion to optical power meters.

Built for fiber splicers, FTTx installers and CATV maintenance crews, the FOLS-A 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.



FOLS-A Front View

Key Advantages

- **High stability output** — ±0.15dB over 8 hours for accurate loss measurement
- **4 wavelength configurations** — SM 1310/1550, MM 850/1300, PON 1310/1490/1550, SM&MM combo
- **CW & modulated output** — 270Hz / 1kHz / 2kHz for different test scenarios
- **Auto shutdown & backlight** — extends battery life, readable in dark environments

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-8530A	FOLS-3155A	FOLS-85303155A	FOLS-314955A
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			
Spectral Width (nm)	5			
Output Power (dBm)	SM: ≥ −7 | MM: ≥ −9			
Stability	±0.15 dB / 8h			
Mode	CW / 270Hz / 1000Hz / 2000Hz (1310/1550nm)			
Connector Port	FC/PC & SC/PC			
Power Supply	AA 1.5V × 3, 5V AC Adapter			
Auto Shutdown (min)	10			
Operating Temperature	−10 ~ +50 °C			
Storage Temperature	−25 ~ +70 °C			
Relative Humidity	0 ~ 95% No Condensing			
Dimension (mm)	185 × 84 × 48			
Weight	180 g			