



# Precision Rated Optics

Work with a PRO!

## LS-500D

## Light Source



The Precision Rated Optics LS-500D Handheld Stabilized Laser Source is designed for fiber-optic network site installation, acceptance, and maintenance of fiber optic cable. Used with a hand-held optical power meter, the LS-500D can provide you with the fiber optic network optical loss. Depending on the user's needs it can provide 1 to 4 wavelengths of stable output, and with adjustable continuous power, modulated light output and other functions like backlight intelligent control, the LS-500D product design is energy-efficient. The optional backlight display and automatic shut-off function can increase battery life and extend your testing time in the field.

- Support CW and a variety of modulation light output
- Adjustable output optical power (optional) (adjustment range 0 - 6dB, step 1dB)
- Support automatic shutdown
- Support user self-calibration
- Backlight intelligent control
- Supports FC, SC, and ST interfaces
- Support single wavelength

### SPECIFICATIONS

Wavelength	1310/1550 ± 20nm (SM)
Optical Connector	FC/SC/ST (FC-LC adapter option)
Laser Type	FP-LD
Output Power	≥ 5dBm
Short-term stability	± 0.05dB/15min
Long-term stability	± 0.15dB/8h
Modulation Mode	CW/270Hz/1kHz/2kHz
Size/Weight (WxDxH)	3.93 x 1.97 x 7.32in / 8.46oz (100 x 50 x 186mm / 240g)
Operating condition	5~95% relative humidity, 14~140°F (-10~60°C)
Storage condition	5~95% relative humidity, -22~158°F (-30~70°C)
Power	AA Lithium Batteries (x3)
Battery	≥ 10h

#### LS-500D Standard Package Includes:

Light Source, AA Batteries (x3), SC Adapter, ST Adapter, Universal Adapter

#### Ordering Information

LS-500D	Light Source (1310/1550nm)
---------	----------------------------