

## LED and Laser Light Sources

Economical LED or Laser light sources provide high stability

### Common Features:

- Rugged, splash proof case
- Single switch operation
- Combination source on/low battery indicator
- Typical one hour drift of only 0.05dBm
- Includes 9V battery and case with belt clip



**NIST Traceable**



Made in USA



### Additional Features-LED Models:

- Stable temperature compensated LED 850nm and/or 1300nm light sources supply -20dBm optical power into multimode fiber
- Single battery provides over 40 hours of operation
- Provide 40dB measurement range when used with Fiber Owl or Micro Owl

### Additional Features-LASER Models:

- Temperature compensated laser light sources with 1310nm or 1550nm output supply -10dBm of stable optical power into single mode fiber
- Provide 50dB measurement range when used with Fiber OWL or Micro OWL
- Single battery provides over 60 hours of operation

Specifications	LE200ST	LE210 Series	LE220ST	LS300 Series	LS310 Series	LS320 Series
Stabilized Output:	850nm	1300nm	850 and 1300nm	1310nm	1550nm	1310nm and 1550nm
Center Wavelength:	—	—	—	1310nm ±30nm	1550nm ±30nm	1310nm ±30nm and 1550nm ±30nm
Spectral Width:	—	—	—	2nm	2nm	2nm
Output Power:	-20dBm	-20dBm	-20dBm	-10dBm into 9 mm fiber	-10dBm into 9 mm fiber	-10dBm into 9 mm fiber
Initial Accuracy:	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C	±0.1dB @ 25°C
Typical 1 Hour Drift:	0.05dBm	0.05dBm	0.05dBm	0.05dB	0.04dB	0.05dB @ 1310nm and 0.04dB @ 1550nm
Typical 12 Hour Drift:	—	—	—	0.05dB	0.06dB	0.05dB @ 1310nm and 0.06dB @ 1550nm
Dimensions All Models:	4.9 x 2.8 x 1.3" (125 x 70 x 33mm)					
Weight:	4oz. (102g)	4oz. (102g)	4oz. (102g)	5oz. (154g)	5oz. (154g)	5oz. (154g)

### Ordering Information

- LE200ST.....850nm LED Light Source with ST Connector
- LE210ST.....1300nm LED Light Source with ST Connector
- LE210SC .....1300nm LED Light Source with SC Connector
- LE220ST.....850nm & 1300nm LED Light Source with ST Connector
- LS300FC.....1310nm Laser Light Source with FC Connector
- LS300SC .....1310nm Laser Light Source with SC Connector
- LS300ST.....1310nm Laser Light Source with ST Connector
- LS310FC.....1550nm Laser Light Source with FC Connector
- LS310SC .....1550nm Laser Light Source with SC Connector
- LS310ST.....1550nm Laser Light Source with ST Connector
- LS320FC.....1310 and 1550nm Laser Light Source with FC Connector
- LS320SC .....1310 and 1550nm Laser Light Source with SC Connector
- LS320ST.....1310 and 1550nm Laser Light Source with ST Connector

