

OPTICAL LOSS TEST INSTRUMENTS ●

LANLITE™ 1550nm ST LASER Light Source PX-C109

FEATURES

- **ULTRA LOW COST**
- **1550nm LASER OPERATION**
- **SINGLEMODE OPERATION**
- **2kHz MODULATION**
- **EASY CHANGE 9V BATTERY**
- **LOW BATTERY INDICATION**
- **RUGGED ALUMINUM BODY**
- **ST, FC STYLE PORT**



Application and Description

The LANLITE™ series of LASER light sources was designed to provide the test technician with an inexpensive, accurate, and easy to use infrared light reference for use in making optical loss measurements. Although designed to complement the TECHLITE™ optical power meters, these sources will work well with any power meter in singlemode testing applications.

The LANLITE™ sources give the technician stabilized outputs and are available in 1300nm or 1550nm models with standard ST ports (also available with FC ports). Power is supplied by a single cartridge loaded 9V battery (eliminating troublesome battery snaps) which will yield a typical continuous use life of over 14 hours. A low battery indicator is included to help ensure source stability and accurate measurements.

The instruction guide is fully laminated to make it weatherproof and nearly tear-proof. Also, when purchased with a LANLITE™ meter as a low cost test set, a waterproof carry case is included which will allow the set to survive being submerged in up to several feet of water.

Regarding durability, the LANLITE™ sources are built of machined aluminum, not plastic, and therefore have structural integrity and a feel superior to that of most fiber test equipment. In fact, as with the TECHLITE™ products, LANLITE™ sources and meters can literally be driven over with an automobile. Finally, the sources are very easy to use. Simply flip the switch to the ON or MOD (2kHz modulated) position, let the unit stabilize for 5 minutes and begin testing.

Specifications

Model	PX-C109	Operating Temperature	0C to 50C
Wavelength	1550nm (+/- 20)	Storage Temperature	-10C to 60C
Port Style	SC/ST/FC Specify	Humidity	10% to 90% non-condensing
Pmin (dBm)	-10	Power	Standard 9V Alkaline
Stability (dB/8hr)	+/-0.1	Typical Battery Life	14+ Hours
Bandwidth (nm)	+/- 5		