

Optical Laser Source

The LiComm OLS series is an optical laser source to test loss on mixed single and multimode optical fiber systems. The OLS series is designed to the very stable output power at desired wavelength and easy operation for convenient test. The OLS is stable, reliable, handheld and low cost product.

The OLS provides adjustable output power for optical laser source with various wavelengths, such 1310, 1490, 1550nm or etc.. For telecommunication and CATV applications, the OLS may be coupled with an optical power meter (OPM series) as a test kit to perform optical loss.



Features

- Easy operation
- High stability and reliability
- Auto shutdown
- Ideal unit for mixed MMF & SMF testing
- Compact and light weight
- Adjustable output power

Applications

- Single & multimode loss testing
- Optical component reliability test
- Optical installation & maintenance
- Passive optical network testing
- Premium instrument for field or laboratory

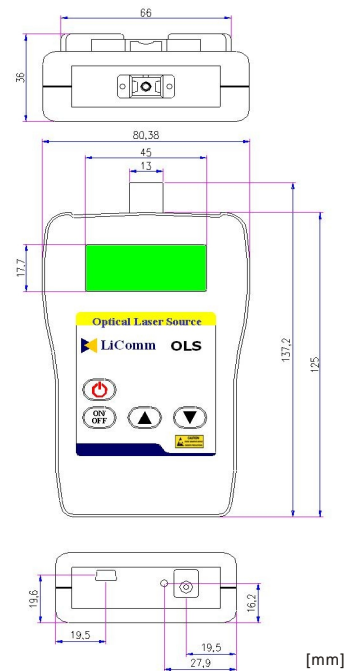
Optical Characteristics

Parameter	Typical value			Unit
	OLS-1310	OLS-1490	OLS-1550	
Output wavelength	1310±20	1490±20	1550±20	nm
Output power	-3 ~ +3	-3 ~ +3	-3 ~ +3	dBm
Short term stability	0.05	0.05	0.05	dB
Long term stability	0.1	0.1	0.1	dB
Optical connector type	SC/PC or FC/PC			

Electrical & Environmental

Parameter	Typical value
Power supply	3*AAA 1.5 V (Dry batteries) 3*AAA 1.2V (NiMH cells)
Operating time	20 hours with dry battery
Auto power time	ON / OFF
Size	125 X 80 X36.7 mm
Weight (with Battery)	200g

Mechanical Dimension



Ordering Information

OLS - X₁X₂X₃X₄

- X₄: H(Handy), B(Bench Top)
- X₃: S(SC), F(FC)
- X₂: F(FP-LD), D(DFB-LD)
- X₁: 1(1310nm), 2(1490nm), 3(1550nm), 4(customizable)

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