



Setting the Standards

Fiber Optic Light Source



Description

Oxin Fiber Optic Light Source, OLS-series, is a handheld optical light source, designed for the fiber optical network installation, acceptance, and maintenance. Used with OPM-series, can provide an accurate fiber network solution. According with client's requirements, OLS-series can provide 1~4 wavelength with stable output power, and featured with continuous adjustable output power. The Intelligent backlight control function can save the power. OLS-series have smooth appearance, good touching, and friendly design, which can meet client's largest requirements.

Features and Benefits

1. Wave ID information can be transmitted when used with OPM Optical Power Meter.
2. Tone generation, 270Hz, 330Hz, 1KHz, 2KHz
3. Output power can be adjustable.
4. Output power value is shown on LCD display.
5. Intelligent backlight control (light intensity can be adjusted properly according to ambient light, which greatly reduced power consumption.)
6. AA alkaline and AC adapter for power supply Low battery indication
7. Ergonomic, eye-catching handheld package
8. One-year warranty and recommended calibration interval, for dramatically reduced cost of ownership
9. Cost-effective, rugged and compact solution
10. Interchangeable connectors for maximum flexibility available
11. Auto λ and Twin Test transmission modes
12. Combines up to 4 wavelengths in one instrument (SM & MM)

Applications

- Telecommunication networks
- CATV networks
- Cabling systems engineering
- Research and education

Fiber Optic Light Source



	Description	Part Number
Ordering Information	Fiber Optic Light Source	SM/MM: OLS-600 SM: OLS-700
Packaging	Description Cardboard box, 1 unit per box	
	Parameter	Value
Technical Characteristics	Operating wavelength	OLS-600: 850/1300/1310/1550 nm OLS-700: 1310/1490/1550/1625 nm
	Applicable fiber	SM/MM: OLS-600 / SM: OLS-700
	Laser type	FP-LD (others specify on requests)
	Maximum output power	-5 dBm (can be adjustable, others specify)
	Adjustable step size	< 0.5 dBm (adjustable between -5 ~ -12dBm)
	Stability	± 0.1 dB (15min, 20°C)
		± 0.05 dB (30min, 20°C)
	Modulation	CW, 270 Hz, 330 Hz, 1KHz, 2KHz
	Fiber port	FC/UPC or SC, ST interchangeable
	Alkaline battery	3 * AA, 1.5V
	Power supply adapter	8.4 V
	Battery operating time	45 h without backlight
	Parameter	Value
Physical Characteristics	Dimensions	175 mm x 90 mm x 44.5 mm
	Weight	255 g
	Parameter	Value
Mechanical Characteristics	Operating temperature	-10 ~ 60°C
	Storage temperature	-25 ~ 70°C



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