

## Laser Source Series

### DESCRIPTION

ComSonics offers a range of high precision laser sources to meet a variety of needs. The range includes dual, triple, and quad wavelengths as well as fixed and adjustable outputs. The OLS series devices are equipped with “TWIN” functionality. This function allows select ComSonics optical power meters to automatically detect the laser source output wavelength.

### FEATURES

- Dual, Triple, and Quad wavelength options
- Supports 270 Hz, 1k Hz, and 2k Hz tones
- TWIN functionality is supported
- Auto-Power Off



### SPECIFICATIONS

#### Dual Laser Source - Fixed Output

Type	OLS-2DF	OLS-1DMM
Output Wavelength (nm)	1310 & 1550	850 & 1300
Output Stability	Short term (15min): < ±0.05 dB @ 1310,1550nm Long term (8hours):< ±0.1 dB @ 1310,1550nm	Short Term (15min): < 0.1 dB @ 850,1300nm Long Term (5 hours or above):< 0.2 dB @ 850,1300nm
Central Wavelength	1310±20nm & 1550±20nm	850±10nm & 1300±20nm
Spectral Width	5nm	
Output Frequency (Hz)	270, 1k, 2k	
Output Power	-5 dBm	
Accuracy	± 1 dB	
Auto Power-Off	Yes	
Back-Light	Yes	
Operating Temperature	-10 to +50°c	
Storage Temperature	-20 to +70°c	
Power Supply	2pcs*Ni-MH AA (2500mAh)	4*AAA batteries;5v AC/DC Adaptor
Dimension (mm)	160L*76W*45H	115L*65W*30H
Net Weight	270g	140g
<b>Standard Accessories</b>	FC/PC adapter, 2*AA rechargeable batteries, carrying bag, AC/DC charger	FC/PC adapter, 4*AAA batteries, carrying bag, test report
<b>Optional Accessories</b>	ST adapter; Male FC to female LC adapter for LC connector	Male FC to female LC adapter for LC connector

## Laser Source Series

### SPECIFICATIONS

#### Triple Series Laser Source - Adjustable Output

Type	OLS-2T1	OLS-2T2
Output Wavelength (nm)	1310/1490/1550	1310/1550/1625
Output Stability	1310nm & 1550nm: 1490nm:	Short term (15min): < 0.05 dB Long term (5hours or above): < 0.1 dB Short term (15min): < 0.1 dB Long term (5hours or above): < 0.2 dB
Central Wavelength	1310±20nm/1490±20nm/1550±20nm	
Spectral Width	5nm	
Output Frequency (Hz)	270, 1k, 2k	
Adjustable Output Power	-8 dB to -2 dB in 0.1 dB/steps	
Auto Power-Off	Yes	
Back-Light	Yes	
Operating Temperature	-10 to +50°C	
Storage Temperature	-20 to +70°C	
Power Supply	2pcs*Ni-MH AA; 6V AC/DC Adapter	
Dimension (mm)	160L*76W*45H	
Net Weight	260g	

#### Standard Accessories

FC/PC adapter, SC/PC adapter, 3\*ceramic sleeves, 2\*AA rechargeable batteries, AC/DC charger, carrying bag, test report

#### Quad Series Laser Source - Fixed Output

Type	OLS-2QF
Output Wavelength (nm)	1310/1490/1550/1625
Output Stability	Short term (15min): < ±0.05 dB@1310,1550nm; ±0.1 dB@1490,1625nm Long term (5hours or above): < ±0.1 dB@1310,1550nm ±0.2 dB@1490,1625nm
Central Wavelength	±20nm
Spectral Width	5nm
Output Frequency (Hz)	270,1k,2k
Output Power	-5 dBm
Auto Power-Off	Yes
Back-Light	Yes
Operating Temperature	-10 to +50°C
Storage Temperature	-20 to +70°C
Power Supply	2pcs*Ni-MH AA (2500mAh)
Dimension (mm)	160L*76W*45H
Net Weight	270g

#### Standard Accessories

2\*FC/PC adapters, 2\*SC/PC adapters, 3\*ceramic sleeves, 2\*AA rechargeable batteries, AC/DC charger, carrying bag, test report

Part Number	Description
OLS-2DF	Optical laser source, 1310/1550, FC/PC connector, -5 dBm
OLS-2T1	Optical laser source, 1310/1490/1550nm, FC/PC connector, -8~-2 dBm
OLS-2T2	Optical laser source, 1310/1490/1550/1625nm, FC/PC connector, -8~-2 dBm
OLS-2QF	Optical laser source, 1310/1490 /1550/1625nm, FC/PC connector, -5 dBm