



Opto-Link  
Corporation Ltd

## ASE C-Band Light Source

(Wavelength: 1525 ~ 1565nm)

The OLS15C Amplified Spontaneous Emission (ASE) C-Band light source offers ultra-stable, broadband light between 1525 and 1565nm. This ASE source is designed for applications requiring high optical power over a wide wavelength range. It is ideal for DWDM systems, sensor systems and components characterization.



### Types

- with Gain Flattening Filter (GFF)
- without Gain Flattening Filter (GFF)

### Applications

- Spectral measurements of C-Band DWDM passive components
- Noise simulation in DWDM systems
- Fiber optics sensors
- PMD measurement

### Features

- Large output power (maximum +23 dBm)
- Excellent output power stability
- Tunable output power
- Excellent spectrum flatness



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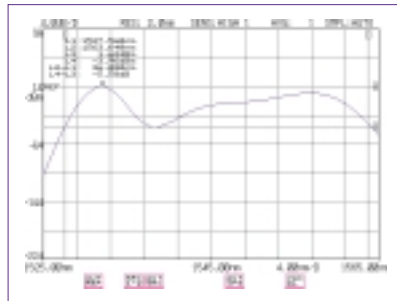
## SPECIFICATIONS

### ASE C-Band Light Sources without GFF

Parameter	Performance
Wavelength	1528 nm ~ 1564 nm
Spectrum Density	> +2 dBm/nm
Total Output Power	23 dBm (Min. 22 dBm)
Output Stability	± 0.02 dB (8 hrs)
Output Connector	FC/APC, others on request
Dimensions	230.5mm x 89mm x 300mm

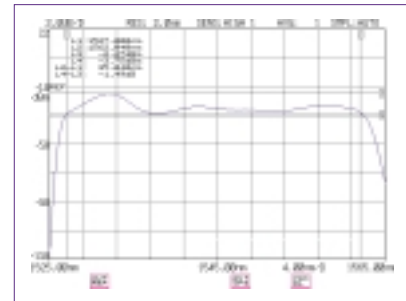
Environment		User Interface	
Operating Temperature	0 °C to +40 °C	Displays	Optical output power
Storage Temperature	-10 °C to +70 °C	Controls	Keylock switch, optical output power
Operating Humidity	5% to 95%	Alarms	Laser Indicator, Alarm Indicator
Power Supply	230/110 V 50/60 Hz	Computer Interface	RS232

### ASE C-Band Light Sources without GFF



Single optical output model (+15 dBm, typical)

### ASE C-Band Light Sources with GFF



Single optical output model (+13.5 dBm, typical)

## ORDERING CODES

OLS15C [ ] [ ] - [ ] - [ ]

Features	Code	Types	Code	Power	Code	Connector Type	Code
with GFF	G	Bench top	B	+23 dBm	23	FC/APC	FA
without GFF						Others	XX

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