



Opto-Link
Corporation Ltd

ASE C&L-Band Light Source

(Wavelength: 1528 ~ 1608nm)

The OLS15CL is an ultra stable Amplified Spontaneous Emission (ASE) C&L-band Light Source equipment designed for applications requiring high optical power over a wide wavelength range. It has useful applications for DWDM systems, sensor systems and components characterization.



Applications

- Spectral Measurements of C & L-Band DWDM Passive Components
- Raman Amplifier Gain and Gain Flatness Test
- Noise Simulation in DWDM Systems

Features

- Large Output Power (Maximum + 25dBm)
- High Spectral Density
- Excellent Output Power Stability
- Very Flat Spectrum



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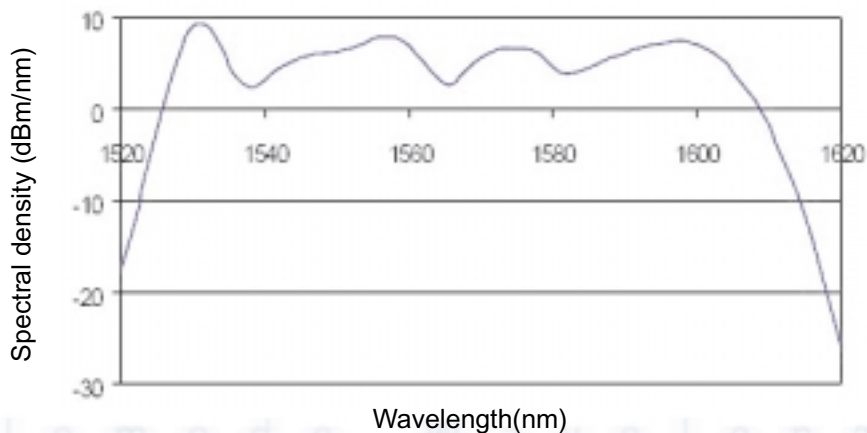
SPECIFICATIONS

ASE C & L-Band Light Sources

Parameter	Performance
Spectral Range	1528 nm ~ 1608 nm
Output Power	Typ. 25 dBm (Min. 24 dBm)
Min. Spectrum Density	>0 dBm/nm
Output Stability	± 0.02 dB (8 hrs), <±0.005(over 10 mins)
Output Isolation	Min. 40 dB
Output Polarization	Typ. 2%, Max. 5%
Operating Temperature	0 °C to +40 °C
Storage Temperature	-10 °C to +70 °C
Power Supply	90-240 V, 43 - 63 Hz
Dimensions	250mm(W) x 105mm(H) x 300mm(L)
Display	Optical Output Power(mW)
Controls	Keylock Switch, Output Optical Power
Protection	Pump laser overheating warning
Optical output connector	FC/APC
Optical Fiber	SMF-28

*Specifications assured after one hour warm-up time

C&L band +25dBm ASE Source



Optical Output Spectrum of 25 dBm ASE C & L-Band Light Source

ORDERING CODES

OLS15CLGB - -

Power	Code
25 dBm	25

Connector Type	Code
FC/APC	FA
Others	XX

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