

ASE C&L-Band Light Source

(Wavelength: 1525 ~ 1610nm)

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 +15 dBm)
- High Spectral Density
- Excellent Output Power Stability
- Very Flat Spectrum

ASE C&L-Band Light Source

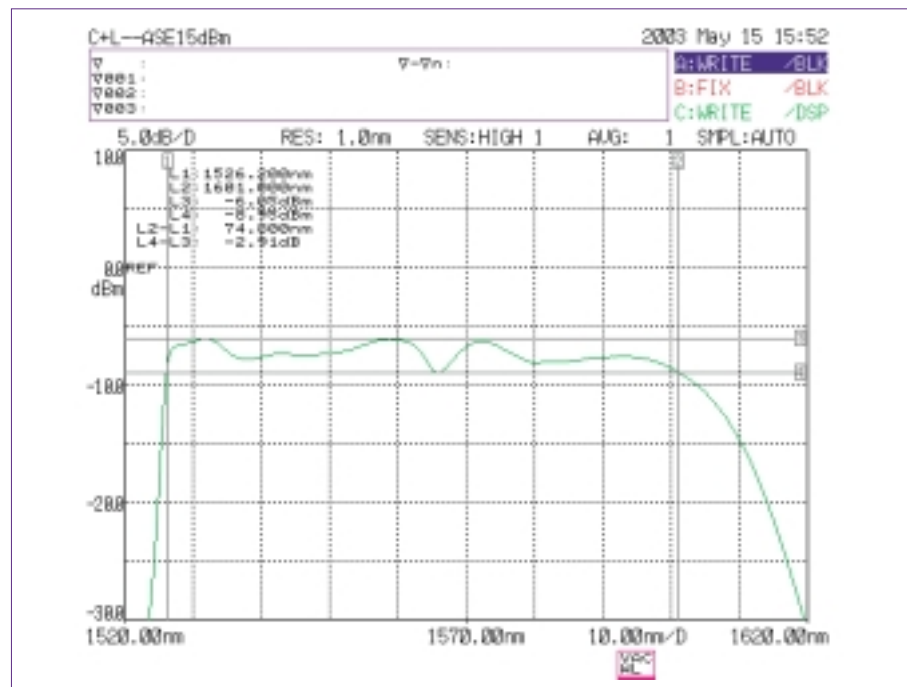
(Wavelength: 1525 ~ 1610nm)

SPECIFICATIONS

ASE C & L-Band Light Sources

Parameter	Performance
Wavelength	1525 nm ~ 1610 nm
Total Output Power	> +10 dBm (Max. + 15 dBm)
Spectrum Flatness	< 3 dB (1528 nm to 1600 nm at 20~30°C)
Output Stability	± 0.02 dB (8 hrs)
Output Isolation	> 30 dB
Output Connector	FC/APC, others available on request
Operating Temperature	0 °C to +40 °C
Storage Temperature	-40 °C to +70 °C
Power Supply	230/110 V AC, 50/60 Hz
Dimensions	230.5mm x 89mm x 300mm
Display	Optical Output Power
Controls	Keylock Switch, Output Optical Power
Alarms	Laser Indicator, Alarm Indicator
Computer Interface	RS232

*Specifications assured after one hour warm-up time



Optical Output Spectrum of 15 dBm ASE C & L-Band Light Source

ORDERING CODES

ALS15CLGB - -

Power	Code	Connector Type	Code
+10 dBm	10	FC/APC	FA
+13 dBm	13	Others	XX
+15 dBm	15		

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