

ASE C-band Light Source Module

(Wavelength: 1525 ~ 1565nm)

The OLS15C-M is a compact ASE (Amplified Spontaneous Emission) light source module. It features high output power, high stability, excellent spectrum flatness and it is packed in a mini-case with computer interfacing. The ideal usage of the mini-size ASE module is for fiber optic sensing and testing applications, to provide a broadband light source across a wide wavelength range.



Applications

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

Features

- Large output power (maximum +17 dBm)
- Excellent output power stability
- Excellent spectrum flatness
- Compact package

ASE C-band Light Source Module

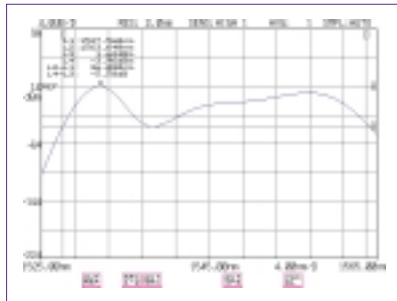
(Wavelength: 1525 ~ 1565nm)

SPECIFICATIONS

ASE C-Band Light Source Module

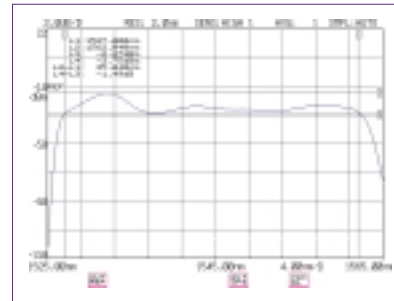
Parameter	Performance
Wavelength	1525 nm ~ 1565 nm
Spectrum Density	> -4 dBm/nm (15 dBm typical 1528 nm to 1563 nm)
Spectrum Flatness	< 2dB (P _{out} < 17dBm, with GFF)
	± 3dB (without GFF)
Total Output Power	> +10 dBm (Max. +17 dBm)
Output Stability	± 0.02 dB (8 hrs)
Operating Humidity	5% to 95%
Operating Temperature	0 °C to +50 °C
Storage Temperature	-40 °C to +70 °C
Voltage	+5V DC
Output Connector	FC/APC, others on request
Dimensions	125mm x 150mm x 24mm

ASE C-Band Light Sources without GFF



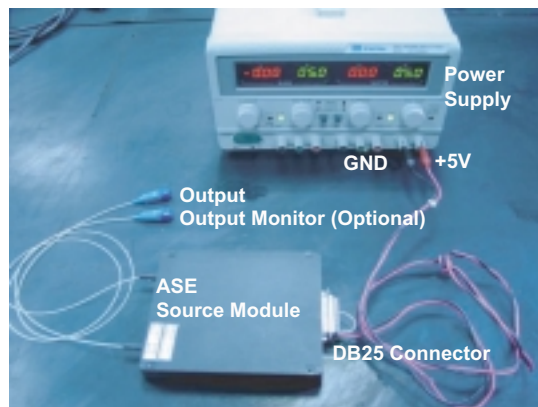
Single optical output model (+15 dBm, typical)

ASE C-Band Light Sources with GFF



Single optical output model (+13.5 dBm, typical)

SETUP MODEL



ORDERING CODES

ALS15C [] [] - [] - []

Features	Code	Types	Code	Power	Code	Connector Type	Code
with GFF	G	Module	M	+10 dBm	10	FC/APC	FA
without GFF				+13 dBm	13	Others	XX
				+15 dBm	15		
				+17 dBm	17		

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