Opto-Link
Corporation Ltd

Super Wide Band Light Source

covering O & E bands, 1260~1460 nm

The Super Wide Band Light Source provides high spectral density and stable broadband light between 1260 and 1460 nm. It outputs more than -28 dBm/nm and the power drift over 8 hours is less than ±0.015 dB at room temperature. This super wideband source is excellent for Optical Coherence Tomography (OCT), fiber optic sensing application and components characterization.

Features

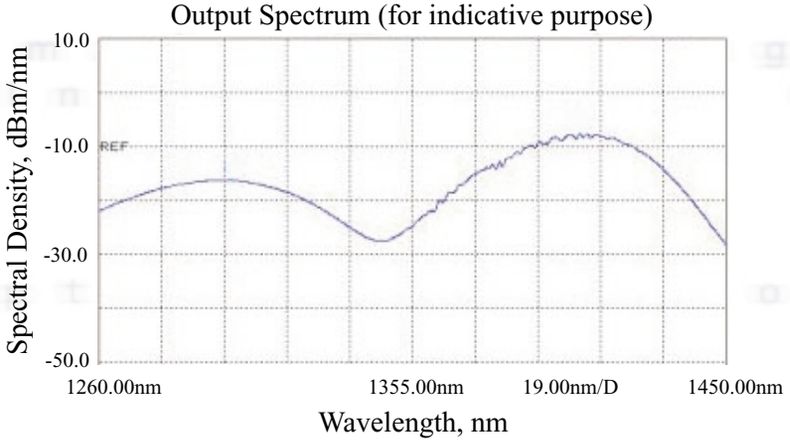
- Ultra-wide Wavelength Range
- High Spectral Density
- Excellent Power Stability

Applications

- Optical Coherence Tomography (OCT)
- Fiber Optic Sensing Application
- Fiber Optic Components Characterization

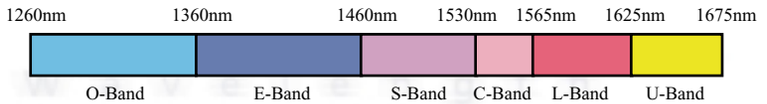
Specifications	
Center Wavelength	1300+/-20 nm & 1400+/-20nm
Output Power	> 7 dBm
Spectral Density	> -28 dBm/nm (over 1260 nm to 1460 nm)
Peak Spectral Density	-7 dBm/nm
Power Stability	<± 0.015 dB (over 8 hours)
Spectral Density Stability	<± 0.01 dB (over 8 hours)
Ripple	< 0.3dB/nm
Interface	FC/APC, others are available on request
Fiber	SMF
Operation Temperature	0 ~ 40 ºC
Storage Temperature	-20 ~ 60 ºC
Power Supply	110/230V AC, 50/60 Hz
Dimension	275 x 250 x 100 mm^3

Output Spectrum (for indicative purpose)



ORDERING CODES

OLSWB – [ ] – [ ]



Bandwidth	Code
O+E-Band (covering 1260 ~ 1460nm)	OE
E+S+C+L+U-Band (covering 1420 ~ 1640nm)	ESCLU

Connector Type	Code
FC/APC	FA
Customer Specify	XX

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