

C-band ASE Broadband Light Source-M15 Module

ASE / SLD BROADBAND SOURCES



Fiber ASE broadband light source is an incoherent light source that emits light through the spontaneous emission of pumped erbium-doped silica fiber. The spectrum of this type of light source product completely covers the traditional C-band wavelength, and the spectral flatness is better than 2dB. It is output through single-mode fiber or polarization maintaining fiber, making it especially suitable for fiber sensing and other applications.

Specifications

Parameter	Specification
Spectral range (nm)	1528~1568
Spectral width (nm)	≥40
Output optical power (mW)	100
Power spectral density (dBm/nm)	4
Power regulation range (Optional)	10%~100%
Spectral flatness (dB)	≤ 2
Output isolation (dB)	≥ 35
Short-term stability @25°C (dB)	±0.02
Polarization degree PER (dB)	≤ 0.2
Pigtail And joint type	SMF-28 , FC/APC

* Spectral range: 2dB spectral range

* short-term stability @25°C: equivalent $\leq \pm 0.5\%$ @ 15 mins

* pigtail And joint type: $\square=900\mu\text{m}$, L=1m

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.