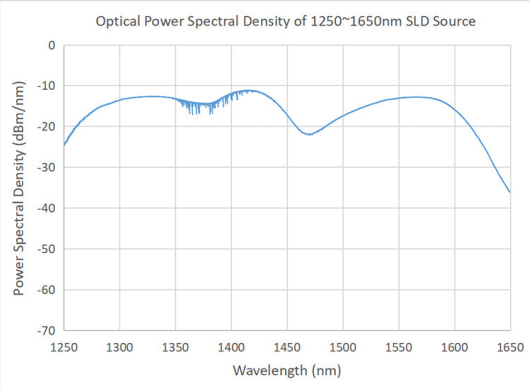
Ultra-wideband SLD light source

ASE / SLD BROADBAND SOURCES



The ultra-wideband SLD light source uses multiple band super-radiant light sources for spectral splicing and combination to achieve single-mode fiber output covering the ultra-wideband spectrum of wavelengths of 1250-1650nm, and at the same time has a high optical power spectral density. Suitable for passive device testing, optical fiber sensing and other applications.

Specifications

Parameter	Specification
Spectral range (nm)	1250~1650
Total output light power (mW)	>10
Spectral power density (dBm/nm)	≥-25
Spectral ripple (dB)	<0.2
Short-term stability (15 minutes) (dB)	≤ ±0.02
Long-term stability (8 hours) (dB)	≤ ±0.05
Polarization extinction ratio PER (dB)	≤ 0.2
Optical fibers and connectors	SMF-28 , FC/APC

* Total output light power: non-adjustable
* short-term stability (15 minutes): equivalent ≤±0.5%
* long-term stability (8 hours): equivalent ≤±1.2%

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