

# CL++ band ASE broadband light source

## ASE / SLD BROADBAND SOURCES



The CL++ band ASE broadband light source is optimized based on the C and L band ASE broadband light source products, covering the wavelength range of 1523-1627nm and exceeding 100nm (completely covering the C++ and L++ bands). The output power of the single-mode fiber is greater than 100mW, suitable for applications such as optical fiber communications and optical fiber sensing.

### Specifications

Parameter	Specification
Spectral range (nm)	1523 ~1627
Spectral flatness (dB)	≤6
Output optical power (mW)	100
Power adjustment range ( optional Function )	10%~100%
Output isolation (dB)	>35
Short-term stability (15 minutes) (dB)	≤ ±0.02
Long-term stability (8 hours) (dB)	≤ ±0.05
Polarization degree PER (dB)	≤ 0.2
Pigtail And joint type	SMF-28 , FC/APC

- \* Spectral range: 6dB spectral range
- \* spectral flatness: full-band
- \* Power adjustment range ( optional Function ): may remain spectral flatness
- \* 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.