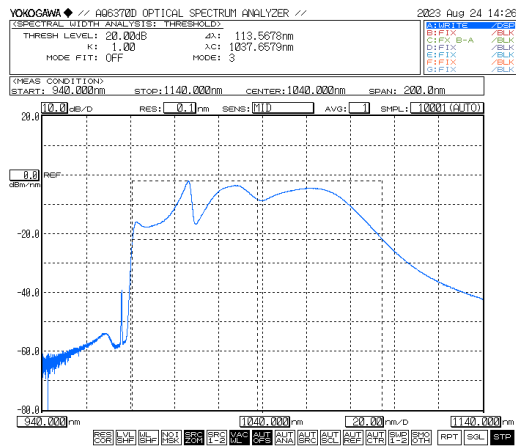


ASE Broadband Light Source in the 1010~1080nm Band

ASE / SLD BROADBAND SOURCES



The ASE broadband light source in the 1010 -1080nm band is based on ytterbium-doped fiber and a semiconductor pump laser. The spectrum completely covers 1010 -1080nm (the 20dB range covers 980 -1090nm), and has high output power and good flatness. This band ASE broadband light source can be used for fiber device testing, FBG grating production, etc.

Specifications

Parameter	Specification
Center wavelength (nm)	1040±2
Wavelength range (nm)	1010~1090
Output optical power (mW)	20
Output isolation (dB)	>35
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	Hi 1060

- * wavelength range: @10dB
- * output optical power: Power is not adjustable
- * short-term stability (15 minutes): equivalent $\leq \pm 0.5\%$
- * long-term stability (8 hours): equivalent $\leq \pm 1.2\%$
- * Optical fibers and connectors: FC/APC

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