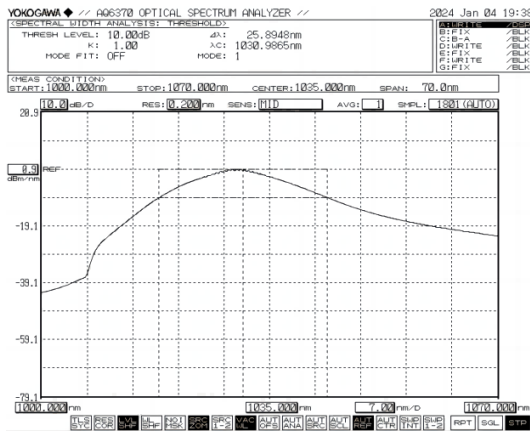


1030 nm-band ASE broadband light source

ASE / SLD BROADBAND SOURCES



The 1030 nm-band ASE broadband light source is based on ytterbium-doped fiber and a semiconductor pump laser. The spectrum covers the 1030nm wavelength, has a high output power and a polarization extinction ratio as low as 0.2 dB. It can be used for fiber device testing, FBG grating production, etc.

Specifications

Parameter	Specification
Center wavelength (nm)	1030±2
Spectral range (nm)	1018~1044nm
Output optical power (mW)	10/20/30/50/100
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 extinction ratio PER (dB)	≥23
Optical fibers and connectors	PM980

- * Spectral range: @10dB
- * Power adjustment range (optional Function): power adjustable
- * short-term stability (15 minutes): equivalent ≤±0.5%
- * long-term stability (8 hours): equivalent ≤±1.2%
- * Optical fibers and connectors: FC/APC

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