LUXA

SLD Series Broadband Optical Source

Test Light Sources

This superluminescent diode source provides broadband optical output. The spectral width and output power depend on the wavelength option.



Technical specifications

Center wavelength (nm)	850 / 1310 / 1550 / 1250 to 1650
FWHM Spectral width (nm)	>30 / >45 / >55 / >400 (corresponding to the center wavelengths above)
Optical output power (mW)	>3 / >1 / >0.5 / >5 (corresponding to the center wavelengths above)
Spectral ripple (dB)	<0.2
Spectral density stability @15min (dB)	±0.05
Short-term stability @15min (dB)	±0.01
Long-term stability @8h (dB)	±0.03
Operating mode	Continuous-wave, Internal modulation, External modulation