Tunable Laser Source (C/L/C+L)

Test Light Sources

The source provides selectable wavelengths in C-, L- or combined-band configurations. Available output power depends on the selected spectral band.



Technical specifications

Channel spacing (GHz)	50 typ.
Side-mode suppression ratio (dB)	50 typ.
Operating temperature range (°C)	-5 min. / 55 max.
Optical power (mW)	≤20 (C Band); ≤10 (L Band); ≤8 (C+L Band)
Power stability (dB)	0.5 (all wavelengths at room temperature); 0.3 (full wavelength band); 0.05 (single wavelength at room temperature)
Tuning range (nm)	1528.77 to 1563.86 (C17-C61)C Band ; 1554.94 to 1607.46 (C28-L65)L Band ; 1528.77 to 1607.46 (C17-L65)C+L Band
Number of wavelength channels	C 89; L 127; C+L 193
Pigtail fiber type	SMF-28e