

Single Mode Fiber-Coupled Laser

Specifications

Model Number	SMF-B457-20-QN
<i>Optical Specifications</i>	
Wavelength	457 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	5 ~ 20 mW
Fiber Core Diameter	4-9 μ m
Longitudinal Mode	Single
NA	0.12
Power Stability (over 4 hours) (rms)	< 5 % (optional: < 1 %, < 3 %)
Operating Mode	CW
Length of Fiber	1m or 1.5m (take offers)
Connector	SMA905 (FC/SC/ST)
Spectral Linewidth	0.1 nm
Warm-up time	< 6 minutes
Working Temperature	0 to 40 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	10000 hours
Warranty Time	1 year
<i>Mechanical Specifications</i>	
Dimension of Laser Head	/
Dimension of Power Supply	/
Dimensional Tolerances	+/- 1 mm