

660 nm laser diode

Model 3: 10 W / 105 μm fiber / SMA connector

Reference: 660LD-3-0-0

SPECIFICATIONS	Unit	Min	Typ	Maximum
Output Power	W	10		
Center Wavelength	nm	655	665	675
Spectral Width (FWHM)	nm		4.0	6.0
Threshold Current	A		0.6	0.9
Operating Current	A		1.8	2.0
Operation Voltage	V		17.0	20.0
Conversion Efficiency	%		20	
Wavelength shift w Temperature	nm/°C		0.3	
Slope Efficiency	W/A		6.0	
Storage Temperature	°C	-30	25	70
Case Operating Temperature	°C	15	25	55
Minimum Fiber Bend Radius	mm	30		
Fiber Buffer/tube Diameter	μm		900	
Fiber Clad Diameter	μm		125	
Fiber Core Diameter	μm		105	
Numerical Aperture	NA		0.22	
Soldering Temperature	°C			260
Soldering time	s			10
Dimensions	mm	80*48*16		
Mounting holes diameter/distance	mm	$\varnothing 3.40 / 75.0*40.0$		
Thermistor	Ω	10K		
Fiber connector		SMA		
ROHS Compliant		Yes		

