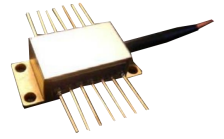


1005 LED Short Wavelength

LD-660-001-BT-MM



660 nm LD, 1W , 14-pin Butterfly Package, MM Fiber

The Optilab LD-660-001-BT-MM is a 660 nm 1 W fiber coupled laser diode with butterfly (BTF) package. It features a 1 W output power, built-in TEC cooler and photodiode. This product can be used for medical laser treatment and sensor.

FEATURES

- 660 nm
- 14-Pin Butterfly Package
- Built-in TEC Cooler
- Built-in Photodiode

USE IN

- Medical Laser Treatment
- Sensor

Center Wavelength	660±10 nm
Optical Output Power	1 W typ.
Spectral Width (FWHM)	3 nm typ.
Recommended Operating Temperature	25°C
Temperature Coefficient of Wavelength	0.3 nm/°C
Threshold Current	0.5 A typ.; 1.0 A max.
Operating Current	1.6 A typ.; 1.8 A max.
Operating Voltage	2.2 V typ.; 2.5 V max.
Thermistor	10 K
Reverse Voltage	2 V
Lead Soldering Temperature (10 sec.)	260°C
Operating Temperature	+10°C to +30°C
Storage Temperature	-20°C to +80°C
TEC Current	2 A max.
TEC Voltage	8 V max.
Fiber Core	105 um
N.A.	0.22
Fiber Connector	FC/SMA905
Fiber Length	80 cm min.
Package Style	14-Pin