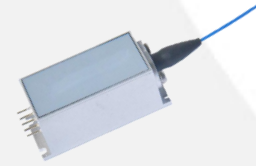


LD-635-80-PM-CM



635 nm PM Laser Diode, 80 mW, 8-Pin

The LD-635-80-PM-CM is a 635 nm pigtailed laser module, with 8-pin package. This high-efficiency and high-stability product is featured in a TEC cooler and internal photodiode. The product has 80 mW output power and 4 μ m PM fiber. This laser can be used in medical laser treatment and biotechnology.

Laser Source
Diode

Laser Source
Diode

Laser Type	Fabry-Perot
Output Power	80 mW typ.
Center Wavelength	635 \pm 5 nm
Spectral Width (FWHM)	2 nm typ.
Threshold Current	60 mA typ.; 90 mA max.
Operating Current	260 mA typ.; 280 mA max.
Operating Voltage	2.8 V typ.; 3.5 V max.
Reverse Voltage	2.0 V
Polarization Extinction Ratio	13 dB min.; 15 dB typ.
TEC Current	1.3 A max.
TEC Voltage	4.0 V max.
Thermistor	10 K
Fiber Type	PM Fiber
Fiber Core	4 μ m
Total Fiber Length	1 m (Standard)
Connector	FC/APC or Others
Complete Alignment	Slow Axis
Operating Temperature	-10°C to +60°C
Storage Temperature	-40°C to +85°C
Operating Humidity	15% to 75%