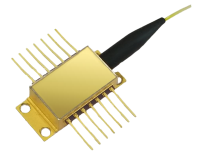


0902 1480 nm Pump

PL-1471-PM-320



1471 nm Pump Laser Diode, 320 mW, PM Fiber

The pump has been designed for use in a wide variety of optical amplifiers, such as EDFA and Raman amplifiers used in optical transmission systems, especially in dense wavelength division multiplexing (DWDM) systems. A strained multi-quantum well (st-MQW) laser diode chip is integrated with thermo-electric cooler (TEC) and PIN photodiode in a hermetically sealed 14-pin butterfly package.

FEATURES

- Rated Output Power Up to 320 mW(CW)
- Polarization Maintaining Fiber Pigtail
- 14-pin Butterfly Footprint
- Integrated PIN Photodiode for Back Facet Monitor
- Single Mode Fiber

USE IN

- Pump Source for Er-Doped Fiber Amplifier
- C- and/or L-band EDFA
- Single Channel Amp. to DWDM Amp.
- Pump Source for Raman Amplifier

@25°C

Threshold Current		26 mA
Forward Current If(BOL)	@Pf=250 mW	905.9 mA
Optical Output Power(Pf)		271.3 mW
Forward Voltage		1.95 V
Monitor Current	@If=1000 mA	389 μA
Peak Weathlength		1471.1 nm
Power in Band		94.2%
TEC Current	@If=1200 mA	2.387 A
TEC Voltage		2.03 V