

## High Power Temperature Stabilized Fiber-coupled Laser Diode Module **RML2240**



### Specifications (T = 25°C)

Wavelength (nm)	450 - 1060*
Output power (mW)	200 - 1500* (depends on the wavelength and fiber parameters)
Operating mode	CW, Pulse*
Power stability (over 24 hours)	< ±0.5%
Power stability (over lifetime)	< ±3%
Operating voltage (V)	3...12
Maximum power consumption (W)	< 5 (CW mode)
Reverse polarity protection	Yes
Housing electrical potential	Isolated housing
Protection marking	IP65
Dimensions (mm)	133.5 x 40 x 22 (L x W x H)
Housing material	Black anodized aluminum, D16
Operating temperature (°C)	-10 - +40
<b>Fiber-Coupling</b>	
Fiber Core Diameter (µm)	100, 200, 400*
Fiber NA	0.22 (others on request)
Fiber Length	tbd

\* To be specified

### Order Information

**RML2240-XXXX-YYYY-FCZZZ**

Wavelength (nm)

Fiber core diameter

Output power (mW)

## Options

- Manual wavelength control
- Laser switch on/off: Direct or reverse by TTL signal
- Analogue modulation up to 100kHz
- Digital modulation up to 1MHz
- Output power adjustment by integrated potentiometer
- Extra heatsink

## Laser Head Drawing

