



# DATASHEET



## FEATURES

- ✓ Coaxial Package (8 mm dia.)
- ✓ High Stability and Low Noise
- ✓ Single Mode Fiber

## APPLICATIONS

- ✓ Measurement
- ✓ Bioanalytical
- ✓ Automation and Alignment

## Operational Hazard of Laser Module

This laser module emits radiation that is invisible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.



## Limited Warranty

One year. No warranty coverage for disassembly, modifications, or damage due to abuse or misapplication.



## SPECIFICATIONS

### OPTICAL

Wavelength	777 to 795 nm	
Optical Output Power	15 mW	
Single Mode Fiber Core Diameter	5 $\mu$ m	
Fiber NA	0.12 NA (PM fiber)	
Fiber Connector	FC/PC	
Laser RMS Noise	< 5%	
Polarization Ratio	N/A	

Operating Voltage	Typ. 2 V	Max. 2.5 V
Operating Current	Typ. 50 mA	Max. 100 mA
Threshold Current	Typ. 35 mA	Max. 50 mA
Monitoring Current	Typ. 0.2 mA	Max. 0.5 mA

### MECHANICAL

Dimension, mm	8 mm (D) x 33.5 mm (L)	
Fiber Length	> 80 cm	
Fiber Jacket Colour	Black	
Operating Temperature	-10°C to +70°C	
Storage Temperature	-40°C to +80°C	

## OUTLINE DRAWING

