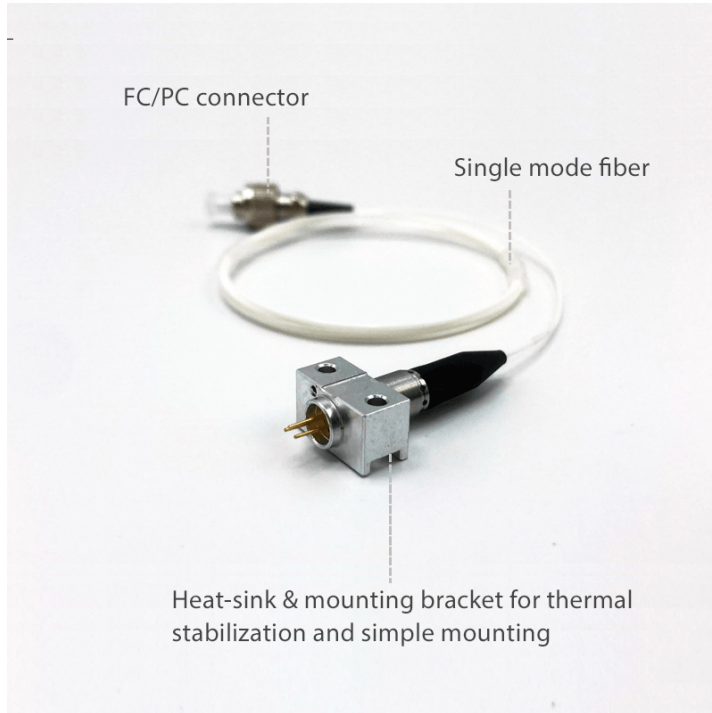




## 940nm, 50mW Coaxial Laser Diode SMF Fiber with FC/PC Connector



### PN: RLS/940NM-50MW-SMF

- Wavelength: 940 nm
- Output Power: 50 mW
- Includes Integrated Photodiode
- Single-Mode Fiber, 5  $\mu$ m Core
- Standard FC/PC Connector (Inquire for other connector options)

**LASER LAB SOURCE**

World Leading Products for  
Laser Scientists and Engineers





## OPTICAL SPECIFICATIONS

- Output Wavelength: 940 nm  $\pm$ 15 nm
- Output Power: 50 mW
- Spectral Width (FWHM): 2.0 nm
- Wavelength Temp. Coefficient: 0.3 nm/ $^{\circ}$ C
- Beam Type: Gaussian Beam
- Laser Type: Fabry-Perot
- Includes Integrated Photodiode
- PD Current: 0.3 mA

## FIBER SPECIFICATIONS

- Fiber Type: Single Mode Fiber
- Fiber Core: 5  $\mu$ m
- N.A.: 0.12
- Fiber Length: >80 cm
- Fiber Connector: FC/PC (Other Types Available; Inquire)

## ELECTRICAL SPECIFICATIONS

- Threshold Current: 20 mA (typ)
- Operating Current: 280 mA (typ)
- Operating Voltage: 2.2 V (typ)



**LASER LAB SOURCE**

world leading products for **Scientists & Engineers**

manufactured by



**PRODUCT SALES AND SERVICE:**

Orders for this product are fulfilled by Laser Lab Source in North America.

**PRODUCT WARRANTY:**

This product is sold with a full one year warranty. It is warranted to be free from defects in material and/or workmanship for a period of one year from the date of shipment. Warranty does not include customer induced damage to the product through mishandling.



Laser Lab Source, a division of Research Lab Source Inc.  
670 S. Ferguson St., Suite 3  
Bozeman, MT 59718 USA

Phone: 800-887-5065

[www.LaserLabSource.com](http://www.LaserLabSource.com)