

Fiber-coupled RGB Laser Diode FWSX-RGB-050-FC105

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+50	°C
Storage Temperature	T_{stg}	-40~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 445nm&520nm&635nm Tri-wavelength Output
- RGB Laser Output From 1pc 105um MM Fiber
- Built-in TEC Cooler
- Compact Package Size

Applications:

- Endoscopy
- Aiming Beam
- Bioscience
- Illumination



Specifications

	Wavelength-1	Wavelength-2	Wavelength-3
Center Wavelength	445nm	520nm	635nm
Output Power (CW)	50mW	50mW	50mW
Threshold Current (Typ.)	30mA	40mA	50mA
Operating Current (Typ.)	100mA	200mA	160mA
Operating Voltage	6.0V	7.0V	2.7V
Recommended Operating Temperature	25°C		
TEC Max Current	3.5A		
TEC Max Voltage	7.0V		
Thermistor	10K		
Fiber Type	Multi-mode Fiber		
Fiber Core Diameter	105um		
Fiber Length	80cm		
Connector Type	FC/SMA905		
Package	HHL		

Package View

