

Fiber-coupled RGB Laser Diode FWSX-RGB-015-FCSM

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 3um SM 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)	15mW	15mW	15mW
Threshold Current (Typ.)	30mA	45mA	50mA
Operating Current (Typ.)	120mA	200mA	180mA
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	Single Mode Fiber		
Fiber Core Diameter	3um		
Fiber Length	80cm		
Connector Type	FC/SMA905		
Package	HHL		

Package View

