

Specifications for 2476nm DFB Laser

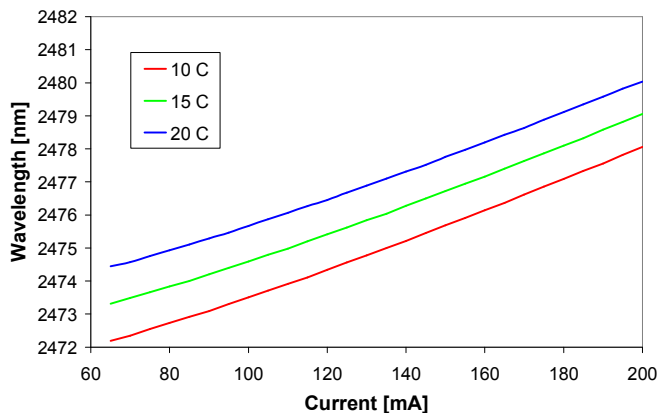
Operating Parameters

Parameter	Units	Min.	Max.
Storage Temperature	°C	-40	80
Case Operating Temperature	°C	-20	50
TEC Current	A		1.1
Laser Diode Forward Current	mA		250
Laser Diode Reverse Voltage	V		2

Typical Characteristics

Parameter	Units	Min.	Typ.	Max.
Threshold Current @ 15°C	mA	55	65	80
Optical power @ 100mA & 15°C	mW	1.0	1.4	1.7
Forward Voltage	V		1.2	2.0
Thermistor Resistance @ 25°C	kΩ	9	10	11
Center Wavelength Tolerance @ 15°C	nm	- 1		+ 1
Temperature Tuning	nm/°C	0.21	0.22	0.24
Drive Current Tuning	nm/mA	0.03	0.04	0.05
Side mode suppression ratio (SMSR)	dB	35		
Beam diameter (with lens)	mm	3.3	3.9	4.6

Typical Wavelength vs Current



Typical LI Curve

