

Wavelength	$\lambda_c$	1555	nm(+/-20)
Output Power (CW)	$P_o$	10	watts
Spectral Width	$\Delta\lambda$	10	nm 3dB
Emitter Width	W	350	$\mu\text{m}$
Temp. Coefficient	$\Delta\lambda/\Delta\lambda T$	0.55	nm/C
Slope Efficiency	$\eta_o$	1	W/A
Slow Axis Divg.	$\theta_{\text{parallel}}$	12	deg FWHM
Fast Axis Divg.	$\theta_{\text{perp}}$	12	deg FWHM
Duty Cycle	DC	100	%

#### Electrical

Threshold Current	$I_{\text{th}}$	0.7	A
Operating Current	$I_{\text{op}}$	9	A
Operating Voltage	$V_{\text{op}}$	6	V
Series Resistance	$R_s$	0.3	ohm
Aiming Beam - Output Power	$P_a$	2	mW
Aiming Beam - Wavelength	$\lambda_a$	650	nm

#### Mechanical

Optical Fiber Core Dia.		350	$\mu\text{m}$
Optical Fiber NA	NA	0.22	
Fiber Length		1.5	Meters
Connector		SMA905	
Lead Soldering Temp.		250	$^{\circ}\text{C}$
Storage Temp.		-40 to 80	$^{\circ}\text{C}$
Weight		515	g