



FC-W-655/ 5-40W

**RED DIODE LASER AT 655nm**

The 655nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.



SPECIFICATIONS

Wavelength (nm)	655±5	
Operating mode	CW	
Output power (W) @ after 400um fiber <sup>1</sup>	5-30	30-40
Cooled method	Air cooled	Water cooled
Fiber Core Diameter (um)	200, 400, 600, 0.22NA	
Fiber Connector	SMA905, FC optional	
Fiber lengths <sup>2</sup>	1m	
Fiber Jacket	PVC, Metal optional	
Power stability (rms, 4 hours±3°C)	<2%, <1%, <0.5%	
Warm-up time (minutes)	<5	
Operating temperature (°C)	0-30	
Operating voltage (VAC)	100-240	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	



DIMENSION (FC-W-655C)	DIMENSION (FC-W-655H)	WATER CHILLER (Optional)
<p>Air cooled 586.1 (L)×482 (W)×148 (H)mm<sup>3</sup>, 23.2kg</p>	<p>Water cooled 513 (L)×420 (W)×135 (H)mm<sup>3</sup>, 20.6kg</p>	<p>370 (L)×260 (W)×241 (H)mm<sup>3</sup>, 10.2kg</p>

1 Any power level can be selected in this range.  
2 other lengths are available on request.