OEM-F-465/1-1300mW

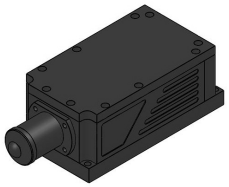
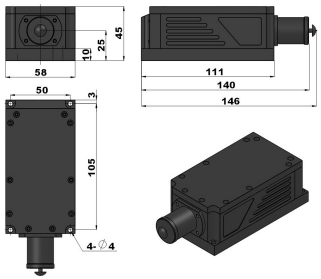
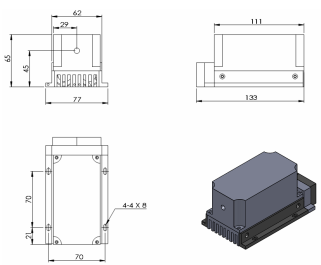
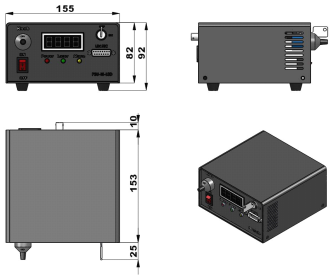
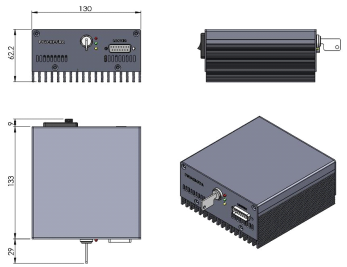
OEM BLUE DIODE LASER AT 465NM

Diode laser module at 465 nm is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.

SPECIFICATIONS

Model	OEM-F-465	
Wavelength (nm)	465±3	
Output power (mW)	>100, 200, …,1300	
Transverse mode	Multimode	
Operating mode	CW	
Power stability (rms, over 4 hours) at 25℃	<1%, <3%, <5%	
Warm-up time (minutes)	<5	
Beam divergence, half angle (mrad)	0.7×0.1 (V/H)	
Beam diameter at the aperture (mm)	~2.7×2.7 ($1/e^2$) / 1.7×1.7(FWHM)	
Polarization direction	Horizontal / Vertical	
Beam height from base plate (mm)	25	
Operating temperature (℃)	25+/-3 (without heat sink)	10-35 (with heat sink)
Power supply (optional)	PSU-III-LED/ PSU-III-FDA	
Expected lifetime (hours)	10000	
Modulation option n	TTL/Analog 1Hz-5KHz, 1Hz-10KHz, 1Hz-30KHz, and TTL on/off	
Warranty time	The warranty is 3 months, excluding the LD failure.	

Note: Heat sink is needed for this blue diode laser module, it is available up on request.

OEM-F-465	F-465-HS	PSU-III-LED	PSU-III-FDA
			
146(L)×58(W) ×45(H) mm³, 0.7kg **without heat sink**	**133(L)×77(W) ×65(H) mm³,1kg** **with heat sink**	**188 (L) ×155(W) ×92 (H) mm³, 1.5kg**	**171 (L) ×130(W) ×62.2 (H) mm³, 1.2kg**
			

Website: http://www.cnilaser.com E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-87020258