

OEM-F-465/1-3W

OEM BLUE DIODE LASER AT 465nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in scientific research, laser pointing, show and RGB mixed laser systems applications.



SPECIFICATIONS

Wavelength (nm)	465±5
Operating mode	CW
Output power (mW)	>1000, 1500, 2000,...,3000
Power stability (rms, over 4 hours) at 25℃	<1%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , mm)	~3.5×3.5
Beam divergence, half angle (mrad)	0.7×0.1
Warm-up time (minutes)	<5
Beam height from base plate (mm)	25 (OEM-F-465)/ 45(F-465-HS)
Operating temperature (℃)	25+/-3 (OEM-F-465)/ 10-35 (F-465-HS)
Power supply	PSU-SD-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-F-465	F-465-HS	PSU-SD-OEM	Adapter (8VDC 7A)
<p>111 (L) ×58(W) ×45 (H) mm³, 0.7kg</p>	<p>138 (L) ×77(W) ×65 (H) mm³, 1kg</p>	<p>90.5 (L) ×47(W) ×56(H) mm³, 0.3kg</p>	<p>120 (L) ×60(W) ×37(H) mm³, 0.3kg</p>