



MDL-HD-405-OEM/10-20W

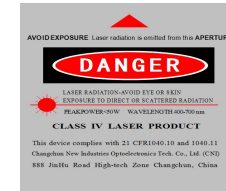
## OEM VIOLET DIODE LASER AT 405nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, communication, spectrum analysis.



### SPECIFICATIONS

Central wavelength (nm)	405±5
Operating mode	CW
Output power (mW)	>10000, 11000, ..., 20000
Power stability (rms, over 4 hours) at 25°C	<3%, <2%, <1%
Beam diameter at the aperture (mm)	~8.0×5.0
Beam divergence, full angle (mrad)	~8.0×1.0
Polarization direction	Horizontal+ Vertical
Warm-up time (minutes)	<5
Beam height from base plate (mm)	35
Operating temperature (°C)	25+/-3
Driver (24VDC 4.5A)	PSU-PN7-OEM/ PSU-PN7-OEM-H
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional
Expected lifetime (hours)	10000
Warranty	1 year



MDL-HD-405-OEM	PSU-PN7-OEM	PSU-PN7-OEM-H	Accessory (Power supply 100-240VAC)
<p>150(L)×114(W)×60(H) mm<sup>3</sup>, 3.0kg</p>	<p>120(L)×65(W)×29(H) mm<sup>3</sup>, 0.3kg</p>	<p>140(L)×80(W)×67(H) mm<sup>3</sup>, 0.6kg</p>	<p>159 (L) ×98(W) ×38(H) mm<sup>3</sup>, 0.6kg</p>