

Specifications

Table 2. Laser specifications.

Parameter	Value
Operating	
Input voltage	12 to 18 volts
Input current	650 milliamperes
Temperature	0 to 40° C
Optical	
Polarization	random
Wavelength	632.8 nm
Output power	see label on laser underside
Beam diameter (at aperture)	1 mm
Beam divergence, maximum	2 milliradians, half angle
Electrical	
Analog bandwidth, 3 dB	600 Hz to 20 k Hz
Storage	
Dimensions	5.8 × 8.7 × 36.2 cm
Weight, chassis	820 grams
Weight, power adapter	470 grams
Temperature	-20 to 50° C

Models and Laser Classifications

Table 3. CDRH classifications for Industrial Fiber Optics laser models.

Laser Model	Classification	Typical power levels
IF-HN05	CLASS II	.4 to 1.0 mW
IF-HN08	CLASS II	.75 to 1.0 mW
IF-HN08M	CLASS II	.75 to 1.0 mW
IF-HN15M	CLASS IIIa	1.00 to 2.0 mW
IF-HN20	CLASS IIIa	1.5 to 3 mW
IF-HN35	CLASS IIIa	3.0 to 5.0 mW