



KLS-808-010 Data Sheet **(model No. 101003-03)**

Our KLS-808-010 is a diode laser system delivering up to 10 W of optical power at a wavelength of 808 nm out of a small optical fiber. The system includes a pigtailed laser diode, driver and control electronics as well as a TEC cooling module with temperature control.



The laser energy is delivered out of a detachable optical fiber with a 0.6 mm diameter and 0.37 Numerical Aperture that attaches to the back of the unit. The unit incorporates an internal microprocessor that regulates the internal operations, and is controlled via a RS232 interface by an external computer.

Specifications:

Wavelength:	808 +/-10 nm	Power:¹	10 W MAX	Mode:	Continuous
Laser delivery:	Detachables Fiberoptic cable.	Cable connector	SMA905	Termination:	SMA905
Fiber size:	0.600 mm	N. A. :	0.37		
Width:²	17"	Height:	5.25"	Depth:	13"
Electrical Supply:	100-240 VAC, 50-60 Hz, 5A Max	Weight:	15 lbs		
Min Operating Temperature:	69F / 20.5C	Min Storage Temperature:	14F / -10C		
Max Operating Temperature:	95F / 35C	Max Storage Temperature:	140F / 60C		

Disclaimer:

This laser product is designated solely as an OEM component to be incorporated into another end product. Therefore, it does not comply with the appropriate requirements of FDA 21CFR, section 1040.10 and 1040.11 for complete laser system.

¹ Power is measured directly out of the Laser Aperture.

² Width does not include mounting brackets.