

MLS-6x10-IMO236

Our MLS-6x10 is a diode laser system delivering up to 10 mW of optical power at 6 different wavelengths out of a small optical fiber. The system includes six pigtailed laser diodes, drivers and control electronics as well as heatsinks. The laser energy is delivered out of a detachable small optical fiber with a 200 micron core diameter and 0.36 Numerical Aperture that connects to the unit through a SMA 905 connector. Each wavelength is controlled by an internal circuit with a front panel knob to adjust the laser output power.

Laser activation of each wavelength can be controlled with either the ON and OFF switch on the front panel or an external TTL modulation signal connected to the BNC connector on the front panel. The turn-on and turn-off response time of the driver circuit is approximately 25 microsec, allowing modulation of the laser output at a maximum frequency of approximately 5 kHz.

Front panel view



Specifications:

Wavelength:	685 nm, 780 nm, 808 nm, 830 nm, 904 nm, 980 nm	Tolerance:	+/- 10 nm
Power:	60 mW MAX	Mode:	Continuous
Laser delivery:	Detachable Fiberoptic cable, 200 micron 0.36 NA.	External MOD:	5 kHz MAX
Width:	19"	Connector:	SMA 905
Electrical:	90-240 VAC, 50-60 Hz (~1A typical)	Depth:	13.0"
		Weight:	3 lbs

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.

Limited Warranty:

Optical Fiber Systems Inc (OFSI) grants the warranty to the original purchaser that the products are free of manufacturing defects in materials and workmanship, and that the products perform according to the stated specifications for 90 days after product delivery. OFSI will, at its option, repair, replace or refund this product if it is found to be defective during the limited warranty period specified above. All repairs will be covered by this warranty for the remaining term of this warranty. Warranty repairs must be performed by OFSI. The original bill of sale must be provided as proof of purchase and presented for warranty service. Warranty claims must be made within the limited warranty period specified above.