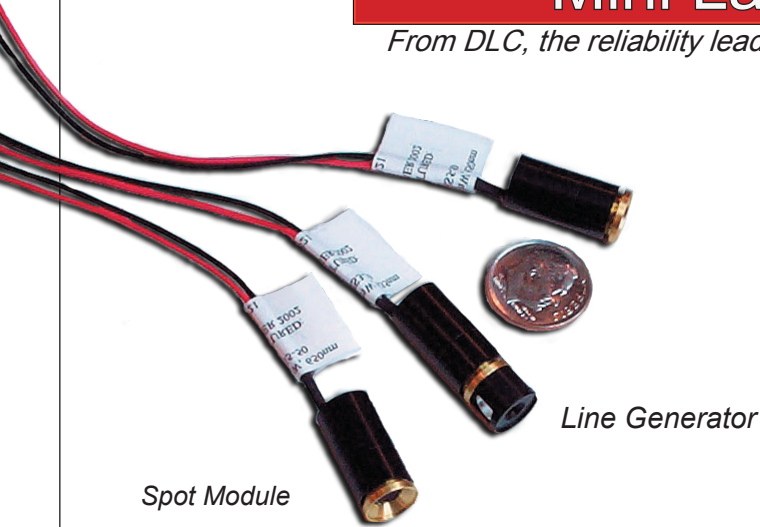


Mini Laser Modules

From DLC, the reliability leader of diode laser module manufacturers



Diode Laser Concepts, Inc. offers one of the smallest Mini Laser Modules on the market today. We offer a variety of wavelengths, beam configurations, and fan angles for line generation. Modules consist of a hard coat anodized aluminum case at neutral potential electrically, on/off LED indicator, and 7 inch wire leads. Our internal driver circuitry utilizes automotive electronics to provide maximum surge and static protection to the laser diode. DLC precisely aligns all the optics at its factory, optimizing functionality.

DLC has made a commitment to producing the world's most reliable Diode Laser Module. Our modules are found in the automotive, tire, medical, wood products and textiles industries, and we maintain a field failure rate of less than 0.5%. The industry's lowest!

DLC's focus on customer satisfaction is equally unmatched. We meet or exceed our quoted lead times over 97% of the time.

DLC is the answer for the customer who has been searching for quality, reliability, and excellent customer service. Our vision to produce the most reliable and competitively priced modules began with the company's inception in 1991, and has established DLC as a leader in the industry.

DLC is the future of the Diode Laser Module market. Call us today to discuss your application!

Innovative Technical Solutions

- Surge, Static, and Reverse Polarity Protection
- Variety of: Wavelengths
Beam Configurations
Fan Angles for Line Generation
- Hard Coat Anodization
- All Units Aimed to Within a 1/4 Degree of the Mechanical Axis

Unmatched Product Reliability

Unsurpassed Customer Service

ISO 9001 Registered

Competitive Pricing

Two Year Warranty



DIODE LASER CONCEPTS, INC

4731 Industry Drive - Central Point, OR 97502

Tel: 541-773-5321 - Fax: 541-773-1705 - Web: <http://www.diodelaserconcepts.com>

MINI LASER MODULES

MINI SPOT 0.375 INCHES DIAMETER

Beam Size @ Exit Aperture	Wavelength	1/2 Angle Beam Divergence (mrad)	Operating Current Typical / Maximum (mA)	Output Power (mW)	CDRH Class	Module Length (in/mm)	DLC Part Number
5.0mm x 1.2mm	635nm	.67 x .17	40/70	0.97	II	.790/20.0	FAY-MS3-10
	635nm		45/75	4.2	IIIa		FAY-MS3-50
	650nm		35/65	0.97	II		FAY-MS5-10
	650nm		35/65	4.2	IIIa		FAY-MS5-50
	670nm		35/65	0.97	II		FAY-MS7-10
	670nm		40/70	4.2	IIIa		FAY-MS7-50
	780nm		35/60	0.97	IIIb		FIY-MS8-10
	780nm		35/60	4.2	IIIb		FIY-MS8-50

LINE GENERATOR

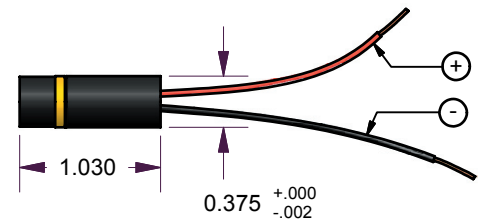
Line Length with Full Fan Angle of:	Wavelength	(Line Thickness) 1/2 Angle Beam Divergence (mrad)	Operating Current Typical / Maximum (mA)	Power Rating (mW)	CDRH Class	Module Length (in/mm)	DLC Part Number
90 Degrees	635nm	.39	45/75	5	II	1.03/26.2	FAY-ML3-19
	650nm		40/70		II		FAY-ML5-19
	670nm		40/70		II		FAY-ML7-19
	780nm		35/60		IIIb		FIY-ML8-19
60 Degrees	635nm	.39	45/75	5	II	1.03/26.2	FAY-ML3-16
	650nm		40/70		II		FAY-ML5-16
	670nm		40/80		II		FAY-ML7-16
	780nm		35/60		IIIb		FIY-ML8-16
45 Degrees	635nm	.39	45/75	5	II	1.03/26.2	FAY-ML3-14
	650nm		40/70		II		FAY-ML5-14
	670nm		40/80		II		FAY-ML7-14
	780nm		35/60		IIIb		FIY-ML8-14
10 Degrees	635nm	.39	45/75	5	II	1.03/26.2	FAY-ML3-10
	650nm		40/70		II		FAY-ML5-10
	670nm		40/80		II		FAY-ML7-10
	780nm		35/60		IIIb		FIY-ML8-10

MINI LASER MODULES

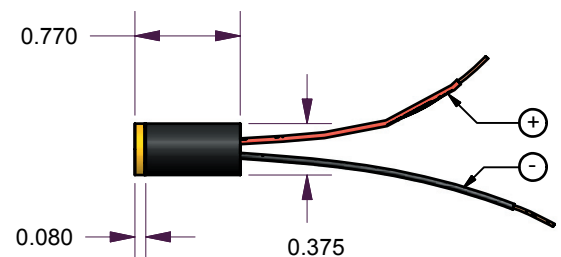
General Specifications:

Voltage Required:	5.0VDC (regulated)
Line Width: (Line Generators)	1mm (nominal)
Emissions Indicator:	Red LED
Case:	@ Neutral Potential
Internal Electronics:	Static, Surge and Reverse Polarity Protected
Operating Temperature:	-10 deg. C to +50 deg. C
Storage Temperature:	-40 deg. C to +80 deg. C
Warranty:	Limited 2 Year

LINE GENERATOR MODULE



SPOT MODULE



ALL UNITS CDRH CERTIFIED EXCEPT FOR CLASS IIIb LASER PRODUCTS.

MADE IN THE USA.

