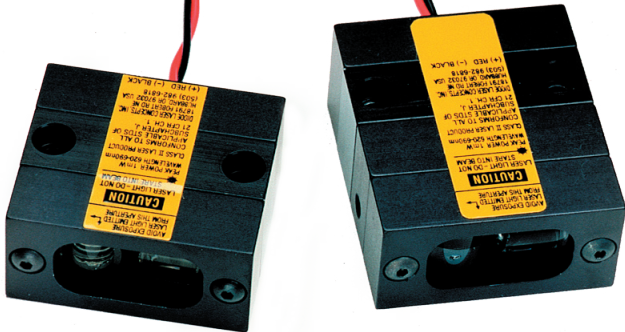


# Cross Hair Laser Modules

From DLC, the reliability leader of diode laser module manufacturers



Standard Cross Hair

Long Range Cross Hair

Diode Laser Concepts, Inc. offers the smallest diode laser Cross Hair Module of its kind. Measuring just 1.15" x 0.56" x 1.01" (1.35" for Long Range Module), DLC's dual source Cross Hair Module gives twice the brightness of single source units, while still qualifying as a Class II Laser Product. DLC's unique alignment of the cross hair gives the effect of coming from a single point source. Units are prealigned at the factory for exceptional line quality and orthogonality, thus eliminating costly set-up time. Our internal driver circuitry utilizes automotive electronics to provide maximum surge and static protection to the laser diode.

DLC has made a commitment to producing the world's most reliable Diode Laser Module. Our modules are found in the tire, medical, wood products and textile 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  
Fan Angles
- Anodized Aircraft Aluminum
- Dust Protective Window
- All Units CDRH Certified as a Class II Laser Product

***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>

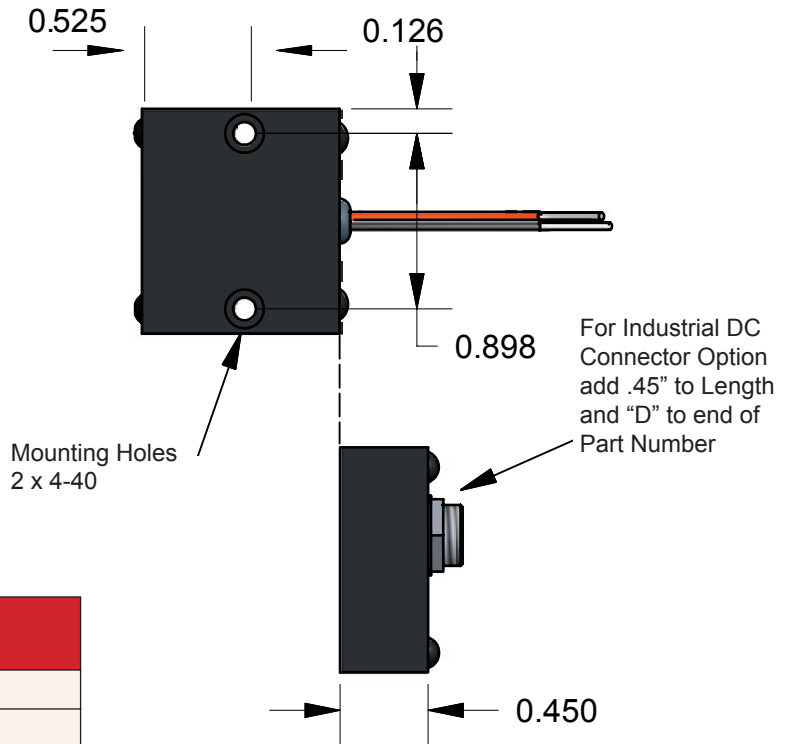
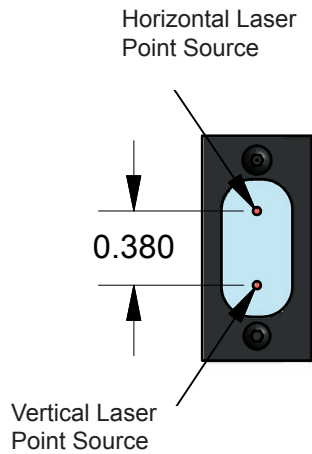
# CROSS HAIR GENERATOR MODULES

## STANDARD

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	100/180	5 x 2	II	1.01/25.65	FAY-CH3-19
	635nm		130/200	10 x 2	II		FAY-CH3-89
	650nm		80/140	5 x 2	II		FAY-CH5-19
	670nm		80/140	5 x 2	II		FAY-CH7-19
60 Degrees	635nm	.39	100/180	5 x 2	II	1.01/25.65	FAY-CH3-16
	635nm		130/200	10 x 2	II		FAY-CH3-86
	650nm		80/140	5 x 2	II		FAY-CH5-16
	670nm		80/140	5 x 2	II		FAY-CH7-16

## LONG RANGE

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
45 Degrees	635nm	.13	100/180	5 x 2	II	1.35/34.29	FAY-PC3-14
	635nm		130/200	10 x 2	II		FAY-PC3-84
	650nm		80/140	5 x 2	II		FAY-PC5-14
	670nm		80/140	5 x 2	II		FAY-PC7-14



ALL UNITS CDRH CERTIFIED.

MADE IN THE USA.

CROSS HAIR LASER MODULES	
General Specifications:	
Voltage Required:	5.0VDC (regulated)
Line Width (nominal)	
Standard Unit:	1mm (to 4' distance)
Long Range Unit:	1mm (to 15' distance)
Emissions Indicator:	Red LED
Case:	@ Neutral Potential
Internal Electronics:	Static, Surge and Reverse Polarity Protected
Wire Leads:	7in. long, (+) red, (-) black
Operating Temperature:	-10 deg. C to +50 deg. C
Storage Temperature:	-40 deg. C to +80 deg. C
Warranty:	Limited 2 Year