



Features

- Up to 180mW CW output power.
- High Quality, Reliability, & Performance

Applications

Fiber Lasers

Laser pumping

Laser Ranging

Product Specifications 915nm Single-Mode 14-Pin Butterfly Module Laser Diodes

Description:

High brightness, high quality, and high reliability are the foundation of our single mode product line.



Sheaumann's 915nm single mode laser modules are available with up to 180mW of continuous output power from a 14-pin butterfly packaged fiber. All chips are mounted on a 2.1mm COS within the package and come standard with an internal thermistor, TEC, and photodiode. Sheaumann's trademark laser chip design offers un-measurable degradation and long lifetimes that make our chips among the most reliable in the industry today. Our 915nm single mode line serves a broad range of applications, most notably fiber laser pumping and laser ranging.

Min

910

-

220

100.000

0.55

-

-40

-20

-

Please view our website for mechanical drawings of our module packages.

Standard Product Specifications for Single-Mode 915nm Butterfly modules

Parameter	<u>Unit</u>
Wavelength	nm
Spectrum FWHM	nm
Operating Power (P _o)	mW
Operating Current (I _o)	mA
Operating Voltage (V _o)	v
Kink-Free Power	mW
Lifetime	hour
Threshold (I _{th})	mA
Slope Efficiency (dP/dl)	W/A
TEC Voltage	v
TEC Current	Α
Storage Temperature	۰c
Operating Temperature (T _{op})	۰C
Lead Soldering Temp. (5 sec)	۰C

<u>180mW</u>

915

0.5

200

340

2.1

-

-

30

0.63

-

-

25

-

Max.

920

2.0

-

390

2.5

-

-

50

-

3.2

2.0

80

70 250

Note:

Specifications are subject to change without notice.
All Sheaumann Laser products are TE polarized

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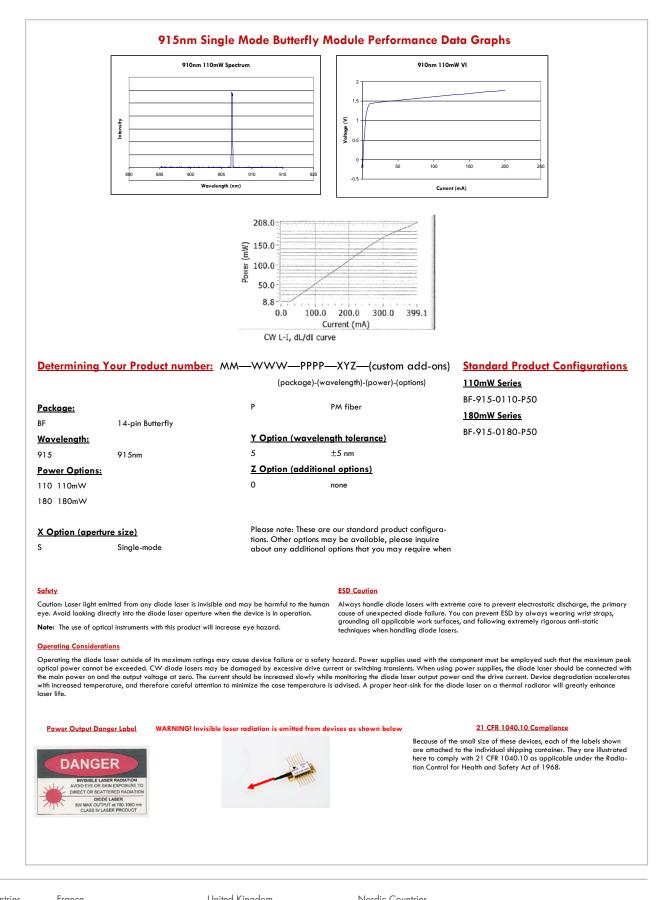
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