



## 20W 808nm Unmounted Diode Laser Bars and Chips

High reliability

Advanced in power, brightness, efficiency and divergence.

Customized Option if needed.

### Data Sheet

**Item No:**LC808SB20

**Item Name:**20W 808nm Unmounted Diode Laser Bars and Chips

#### Operation

Center Wavelength	808nm
Output Power	20W
Operation Mode	CW
Power modulation	100%

#### Geometrical

Numbers of Emitters	47
Emitter width	80um
Cavity length	1000um
Emitter Pitch	200um
Filling factor	40%
Bar width	10000um

#### Electro Optical Data

Threshold current	9~10A
Operating current	26~28A
Operating voltage	1.7-1.9V
Slope efficiency	1.2W/A
Slow axis divergence	12
Fast axis divergence	36
Spectral width	4nm
Temperature characteristics	0.28nm/°C
Polarization	TE
LD operating temperature	25°C

