

700W 952nm QCW Diode Laser Bars

---COS package also available

Advantages:

- High output power
- High photoelectric conversion rate
- High Reliability
- High polarization
- High Brightness

Applications:

- Fiber laser pumping source
- Solid state pumping source
- Director semiconductor laser

Data Sheet

Item No: LC952SB700

Item Name: 700W 952nm QCW Diode Laser Bars

Optical

	Typ
Central Wavelength	952nm
Output Power	700W
Working Mode	QCW
Spectrum Width	2.5nm
Pulse Width	600us
Pulse frequency	160hz

Geometrical

Number of Emitter	39
Emitter Width	200μm
Emitter Pitch	250μm
Filling Factor	80%
Bar Width	10500μm
Cavity Length	3000μm
Thickness	120μm

Electrical

Operating Current Iop	600A
Conversion Efficiency	75%

Thermal

Operating Temperature	15-35°C
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