100W 1064nm Single Bar Laser Chip

New single bar laser chip, CW/QCW working mode with 47 emitters, bar length 10mm. The long range well-focused beam of this chip is suitable for digital/analog equipment and 3d display. We'll match your specifications to our standard products, or evaluate modified designs to meet your special applications.

Feature

1.5mm cavity length, 100um emitter width Working mode: CW/QCW, bar length 10mm Optimized epitaxial structure design Unique technology for highest reliability and lifetime **Application** Fiber Laser Pumping Source Autonomous Driving Lidar

Free space optical communication Laser lighting



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Item No.: LC1064SB100 Item Name: 100W 1064pm Single Bar Laser Chip

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Optical Control Contro	Тур
Central Wavelength	1064±10nm
Output Power	100W
Working Mode	CW/QCW
Emitter Quantity	47
Emitter Width	100um
Emitter Pitch	200um
Cavity Length	1.5mm
Bar Length	10mm
Electrical	
Operating Current lop	110A
Threshold Current Ith	15A
Operating Voltage Vop	2V
Thermal	
Test Temperature	25°C
Storage Temperature	0~55°C
Wavelength Temperature Coefficient	0.3nm/°C