

RFL-A1000D

Direct diode laser
Data sheet V 1.0

Features

- » Application field: heat conduction metal welding
- » Precise laser positioning
- » Accurate temperature control
- » Hardware welding
- » Maintenance free



TECHNICAL SPECIFICATIONS

Central wavelength	915 ± 10 nm
Output power	1000 W
Power instability	<2.0 %
Range of power	10-100 %
Repetition frequency	50 Hz-10 kHz
NA (rad)	0.22
Terminal type	QBH (custom)
Fiber length	5 m (custom)
Fiber core	300 µm (custom)

Supply voltage	220 VAC
Operation mode	CW/Modulate
Control mode	RS-232, AD
Dimensions	485x133x581 mm
Weight	<8 kg
Operating temperature	10 - 30 °C
Storage temperature	-10 - 60 °C
Humidity	< 70 %
Cooling methode	Water

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