

RFL-A500D

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	Supply voltage	220 VAC
Output power	500 W	Operation mode	CW/Modulate
Power instability	<2.0 %	Control mode	RS-232, AD
Range of power	10-100 %	Dimensions	485x133x581 mm
Repetition frequency	50 Hz-10 kHz	Weight	<8 kg
NA (rad)	0.22	Operating temperature	10 - 30 °C
Terminal type	QBH (custom)	Storage temperature	-10 - 60 °C
Fiber length	5 m (custom)	Humidity	< 70 %
Fiber core	300 µm (custom)	Cooling methode	Water

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