

RFL-C6000S-HP

High performance CW fiber laser
Data sheet V 1.0

Features

- » [P]erformance [L]evel [D]
- » Power redundancy
- » Profibus/Profinet/Ethernet/Devicenet
- » Anti high reflection
- » Intelligent self monitoring



TECHNICAL SPECIFICATIONS

Central wavelength	1075-1085 nm	Supply voltage	360 V - 510 V AC
Output power	6000 W	Operation mode	CW/Modulate
Power instability	<1.0 %	Control mode (custom)	BUS,Ethernet,RS232,AD
Range of power	10-100 %	Dimensions	448x934x168 mm
Repetition frequency	1-5000 Hz	Weight	<85 kg
Beam quality	<5.0 M ²	Operating temperature	10 - 40 °C
Terminal type	QBH (custom)	Storage temperature	-10 - 60 °C
Fiber length	20 m (custom)	Humidity	< 70 %
Fiber core	50 μm (custom)	Cooling methode	Water

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