

RFL-C6000M-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 | <1.5 % | Control mode (custom) | BUS,Ethernet,RS232,AD |
| Range of power | 10-100 % | Dimensions | 900x980x1090 mm |
| Repetition frequency | 50-5000 Hz | Weight | <280 kg |
| Beam quality | <4 BPP | Operating temperature | 10 - 40 °C |
| Terminal type | HQBH (custom) | Storage temperature | -10 - 60 °C |
| Fiber length | 20 m (custom) | Humidity | < 70 % |
| Fiber core | 100 µm (custom) | Cooling methode | Water |

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