

MULTI MODULE CW FIBER LASER

- Wide modulation frequency range
- High electro-optical conversion
- Anti-reflection
- Sheet cutting efficiency
- Optimized optical quality



SPECIFICATION

| Product Name | RFL-C4000X | RFL-C6000X | RFL-C8000X | RFL-C10000X | RFL-C12000X |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Output Power | 4000 W | 6000 W | 8000 W | 10000 W | 12000 W |
| Wavelength | 1080±5 nm | 1080±5 nm | 1080±5 nm | 1080±5 nm | 1080±5 nm |
| Output Power Stability | <±1.5 % | <±1.5 % | <±1.5 % | <±1.5 % | <±1.5 % |
| Modulation Frequency | 50 - 5 kHz | 50 - 5 kHz | 50 - 2 kHz | 50-2 KHz | 50-2 KHz |
| Fiber core * | 100 µm | 100 µm | 100 µm | 100 µm | 100 µm |
| BBP (mm.mrad) | <4 | <4 | <5 | <5 | <5 |
| Polarization State | Random | Random | Random | Random | Random |
| Terminal Type | QBH | QBH | QD | QD | QD |
| Delivery Cable Length * | 20 m | 20 m | 30 m | 30 m | 30 m |
| Power Supply | 400 V, three Phase | 400 V, three Phase | 400 V, three Phase | 400 V, three Phase | 400 V, three Phase |
| Control Mode | RS232 / AD /Ethernet | RS232 / AD /Ethernet | RS232 / AD /Ethernet | RS232 / AD /Ethernet | RS232 / AD /Ethernet |
| Range of Power (%) | 10-100 % | 10-100 % | 10-100 % | 10-100 % | 10-100 % |
| Power Consumption | 12000 W | 18000 W | 24000 W | 30000 W | 36000 W |
| Dimensions (mm) | 670x1160x990 | 900x1160x960 | 960x1160x960 | 1200x1160x960 | 1200x1160x960 |
| Cooling | Water | Water | Water | Water | Water |
| Operating Temperature | 10 – 40 °C | 10 – 40 °C | 10 – 40 °C | 10 – 40 °C | 10 – 40 °C |
| Storage Temperature | -10 – 60 °C | -10 – 60 °C | -10 – 60 °C | -10 – 60 °C | -10 – 60 °C |

* Customized