

# BC-10

- **Air cooled Design**
- **Quiet operation**
- **Very Compact Design**
- **0-100% Duty-Cycle**
- **Fast rise/fall time**



**TECHNICAL SPECIFICATIONS:**

**BC-10**

Central Wavelength	10600 nm
Nominal Output Power	> 12 W
Mode Quality	TEM <sub>00</sub>
Beam Waiste Size	3.5 mm
Average Power Stability	± 10%
Rise or Fall Time	150 µs
Beam Divergence	4 mrad
Polarization	Linear, vertical
Modulation	0-20 kHz
Cooling Method	Air
Flow Rate	15 m³ per minute

Dimensions W*D*H	70*440*100
Supply DC Voltage (VDC)	30 V
Current Consumption	≤ 7 A
Power Consumption (20°C)	≤ 210 W
Operation Temperature	0 – 40 °C
Storage Temperature	-10 – 60 °C

**C02 Laser**

# BC-30

- **Air cooled Design**
- **Quiet operation**
- **Very Compact Design**
- **0-100% Duty-Cycle**
- **Fast rise/fall time**



**TECHNICAL SPECIFICATIONS:**

**BC-30**

Central Wavelength	10600 nm
Nominal Output Power	> 30 W
Mode/Beam Quality	TEM <sub>00</sub> / <1.2
Beam Waiste Size	1.8 ± 0.2 mm
Average Power Stability	± 5%
Rise or Fall Time	90 µs
Beam Divergence	< 7.5 mrad
Polarization	Linear, 100:1
Modulation	0-25 kHz
Cooling Method	Air

Supply DC Voltage (VDC)	48 V
Current Consumption	≤ 12 A, max 18A
Power Consumption (20°C)	≤ 576 W
Operation Temperature	0 – 40 °C
Storage Temperature	-10 – 60 °C