



LASERMATE GROUP, INC.

The Friend of Lasers

Model No. FLCM-1550-XZ

1550nm HIGH POWER ALL FIBER CW INFRARED LASER UP TO ~10W

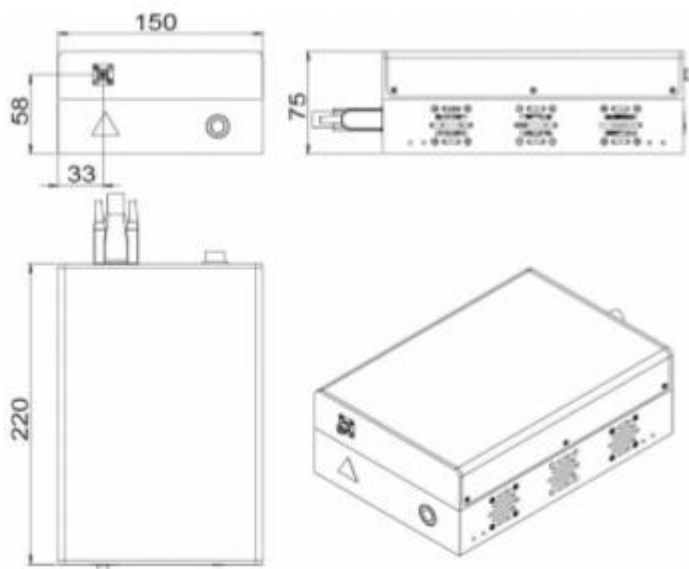
The FLCM-series 1550nm high power all fiber CW laser is constructed with features of ultra-compact design, long lifetime, low cost and easy operation. It is commonly used in medical cosmetology, holography, spectrum analysis, scientific experiment and many other applications.

SPECIFICATIONS

| | | |
|--|-----------------------------------|---------------------------------------|
| Model No. | FLCM-1550-XZ | |
| Wavelength (nm) | 1550±10 | |
| Operating mode | CW or Modulated (≤50KHz) | |
| Output power (W) | ~3 (X=3W), ~5 (X=5W), ~10 (X=10W) | |
| Power stability (rms, over 4 hours) | <3% (Z=E), <2% (Z=2) | |
| Delivery fiber length (m) | 2-5 | |
| Output fiber termination | Collimator | |
| M² factor | <1.5 | |
| Beam diameter (mm) | 4±1 | |
| Polarization state | Random / >15dB | |
| Warm-up time (minutes) | <15 | |
| Operating temperature (°C) | 15-35 | |
| Laser | Dimensions | 220(L) x150(W) x75(H) mm ³ |
| | Weight | 2.5 kg |
| Power supply | 220V AC / 12V DC | |
| Expected lifetime (hours) | 10,000 | |
| Warranty | 10 months | |

Note: The above specifications are subject to change without notice.

MECHANICAL OUTLINE (unit: mm)



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