

100mW

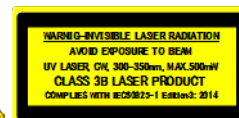
UV FIBER LASER

Model KFL3-100

318nm

| ITEM | SPECIFICATION | NOTE |
|--------------------------------|--|------------------------|
| WAVELENGTH (nm) | 318.0±1.0 | |
| RATED POWER (mW) | 100 | CW |
| BEAM QUALITY M ² | <1.2 | |
| BEAM DIAMETER (mm) | <1.2 | At 100mm from aperture |
| COHERENCE LENGTH (m) | >1 | |
| NOISE(p-p) (%) | <5.0 | 1-20MHz |
| TRANSVERSE MODE | TEM ₀₀ | |
| POLARIZATION | Linear | |
| POLARIZATION RATIO | >100:1 | |
| POWER STABILITY (%/8hour) | <±1.0 | At 25°C constant |
| BEAM POINTING STABILTY (μ rad) | <10 | At 25°C constant |
| OPERATION CONDITION | 10~40°C, <90%RH | |
| STORAGE CONDITION | -10~50°C, <90%RH | |
| LASER CLASS | CLASS 3B/CLASS IIIb | |
| APPLIED STANDARDS | IEC60825-1 Edition3:2014 IEC61010-1 Edition3:2010 FDA 21 CFR Part 1040.10 (CDRH) | |

Specifications in this document are subject to change without advance notice.



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