

Coherent® OBIS™ LX SF 1448284 | 405nm LX SF 40mW Single Frequency Laser

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Operating Temperature (°C):
+10 to +50

Output Power (mW):
40

Polarization:
100:1 (minimum)

Power Stability (%):
<1

Spatial Mode:

TEM₀₀
Wavelength (nm): 405.00 ±1
Mode Quality, M²: ≤1.5
Warm-Up Time (minutes): <5
Pointing Stability (μrad/°C): <5
Beam Diameter Tolerance (mm): ±0.1
Pointing Stability (μrad): <30
RMS Noise: ≤0.05% (20Hz to 20MHz)
Beam Diameter (mm): 0.4
Spectral Line Width (MHz): 160
Manufacturer: Coherent®
Output Type: Free Space
Type of Laser: Diode
Beam Divergence (mrad): Full-Angle: <2
Laser Class - CDRH: IIIb
Color: Violet
Model Number: 1448284
Peak-to-Peak Noise: <0.5% (20Hz to 20kHz)
Spectral Line Width (pm): 0.3 (maximum)

Regulatory Compliance

RoHS 2015: Exempt
Reach 224: Contains SVHC(s)
Certificate of Conformance: View