

2.94μm 激光器



新势力光电供应**2.94μm激光器**，具有功率稳定、光束质量好、结构紧凑的特点，自由光输出和光纤耦合输出可选。该系列**2940nm半导体泵浦固体激光器**应用广泛，包括：传感、测距、医疗。

| Specifications | MIR-2940-1 | MIR-2940-1.5 | MIR-2940-1-FC |
|---------------------------------------|-------------------------|--------------|--------------------|
| CW output power | 1W | 1.5W | 1W fiber pigtailed |
| Wavelength | 2.94μm | | |
| Spatial mode | TEM00, M2<1.2 | | |
| Bandwidth | <0.5cm-1 | | |
| Wavelength stability | <1cm-1 | | |
| FWHM | <2.0mm | | |
| Beam divergence | <20mrad | | |
| Pointing stability | <±5% of beam divergence | | |
| Noise(10Hz to 100KHz) | <1.0%(RMS) | | |
| Long-term power stability | <±2.0% over 8hrs | | |
| Polarization ratio | Random | | |
| Warm-up time | <5mins | | |
| Ambient operating temp. | 15-40℃ | | |
| Power dissipation from the laser head | <100W | | |
| Dimensions of laser head(LWH) | 114×52×38mm3 | | |
| Weight of laser head | 0.82kg | | |