

[OEDSL-FS-100]

Free Space Diode Laser Sources

Features:

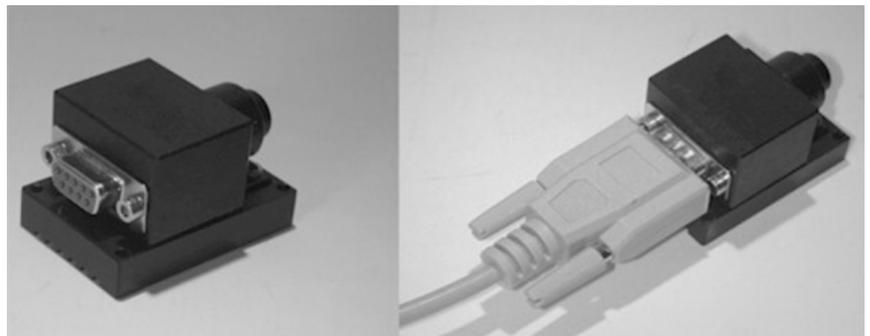
- Ultraviolet to infrared wavelengths
- Stand-alone system or OEM module
- Fiber pigtailed or receptacle type
- SM, PM, MM fiber
- Custom design and fabrication
- High stability, long term reliability
- Easy adjustment

Applications:

- Photograph/Printing
- Heat treating
- Quick curing of epoxy glue
- Transformation hardening
- Laser hyperthermia photodynamic studies
- DNA analysis
- Contact cutting, ablation
- Coagulation necrosis
- Tissue welding/fusion



Free Space Collimated Diode Laser Source



OEDSL-100 Free Space Collimated Diode Laser Source with RS-232 cable

Product description:

In many applications, the free space collimated beam or focused beam is required. Here we offer a full line of free space collimated laser source or free space focused laser source. The wavelength of the diode laser is from UV to MID infrared. Collimated beam sizes from few hundred μm to tens of mm are available. Our free space collimated diode laser source is low cost, high quality product.

| Parameter | Unit | OEDSL-FS-100 |
|-------------------|------|--------------------------|
| Output power | W | Up to 20 |
| Center Wavelength | nm | 240-1600 |
| Bandwidth | nm | 0.01 to 80 |
| Beam size | mm | 0.1-100 |
| Working distance | mm | Few-500 |
| Display | - | Drive current (optional) |

| | | |
|-----------------------|----|---------------------------------------|
| Power supply | - | 110-120 VAC/60 Hz, 220-240VAC/50Hz |
| Operating temperature | °C | 15-40 |
| Size | mm | 250 x 255 x 110 |

Ordering number:

| OEDLS-FS-100-WL-P-Type: | WL | P | Type |
|--------------------------------|------------------------|--------------------|----------------------------|
| | Wavelength (nm) | Average power (mW) | ST: Standard RS: RS-232 |
| Example: | OEDSL-FS-100-780-20-RS | | |