

[OELAS-DLS-FS]

## Free Space Diode Laser Sources

### Features:

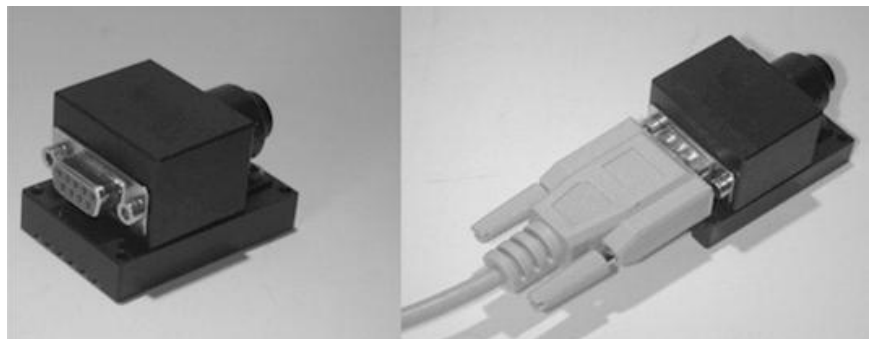
- Ultraviolet to infrared wavelengths
- Stand-alone system or OEM module
- Fiber pigtailed or receptacle type
- SM, PM, MM fiber
- Custom design and fabrication
- High stability, long term reliability
- Easy adjustment

### 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



OELAS-DLS 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  $\mu\text{m}$  to tens of mm are available. Our free space collimated diode laser source is low cost, high quality product.

Parameter	Unit	OELAS-DLS-FS
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:

<b>OELAS-DLS-FS-WL-P-Type:</b>	WL	P	Type
	Wavelength (nm)	Average power (mW)	ST: Standard RS: RS-232
Example:	OELAS-DLS-FS-780-20-RS		