

power.

Power boost for all wavelengths



ALS-IR Fiber Lasers & Amplifiers

Single frequency CW for your power hungry application

- High power up to 130 W
- Active noise reduction system
- Turnkey, maintenance free, industrial-grade

learn more...



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ALS-IR



DANGER – VISIBLE AND INVISIBLE LASER RADIATION, AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION, CLASS 4 LASER PRODUCT, EN60825-1:2014

Specifications							
Wavelength [nm]	976	1012..1028	1028..1070	1070..1085	1085..1120	1535..1570	1762 nm
Output power [W]	Up to 10	Up to 100	Up to 130	Up to 50	Up to 40	Up to 10	Up to 3
Min. input power [mW]	> 120	> 30	> 10	> 10	> 30	> 10	> 20
Single frequency compatible	yes						
Input connection	FC/APC						
Spatial mode	TEM ₀₀						
Beam quality	M ² < 1.1						
Beam diameter « free space »	1.0 ± 0.2 mm						
Long term power stability (CP mode of operation)	< ± 0.5 %						
Noise [100Hz.. 10MHz]	< 0.01 % RMS						
Pointing stability	< +/-2 µrad/°C						
Output polarization	Vertically polarized > 300 : 1						
Output power tunability	1 to 100 % (10 to 100 % recommended)						
Laser control	Multi-turn potentiometer, touch screen, analog voltage, remote control interface						

