

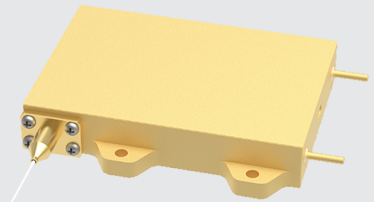
LC8 - LC28 FIBER COUPLED

Features :

- High efficiency transmission heat dissipation
- Compact structure design, light weight
- Strong environmental adaptability, military standard design
- Long operating life

Applications :

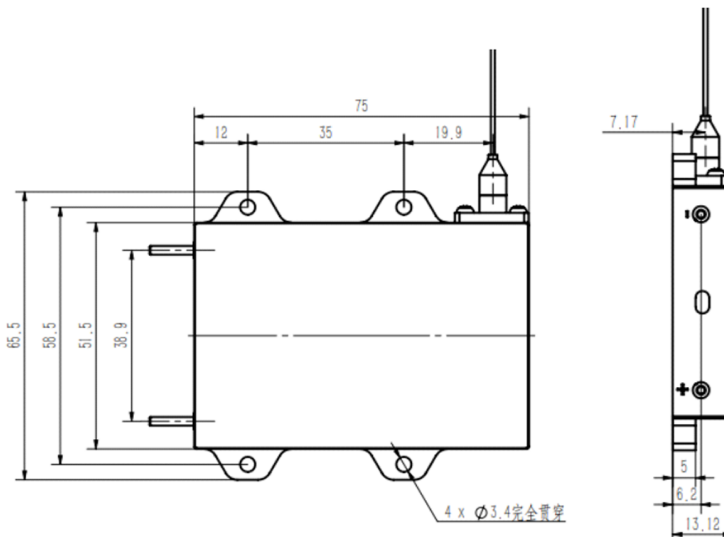
- Laser Illumination
- Solid-state Laser Pump Source
- Diode Laser Direct Use
- Fiber Laser Pump Source



LC18 - LC28 Stage

NOTE

1. Transportation, storage, use must take anti-static measures, transportation and storage process between the pins need to be connected to a short route to protect the fiber end face before use to pay attention to clean treatment
2. Use constant current power supply, avoid wave and surge laser work, avoid exposing eyes or skin directly to the laser
3. Should be used at the rated current and rated power
4. laser work need to ensure good heat dissipation, it is recommended that the thermal conductivity surface using high thermal conductivity silicone grease water cooling temperature is recommended to use 23 ~ 25 degrees
5. Fiber can not be bent at large angles, bending diameter should be greater than 300 times the diameter of the fiber
6. Follow the LumiSpot operating instruction manual.
7. Any other questions, please contact us.



PARAMETERS For LC18 Fiber Coupled

Central wavelength (nm)	790	808	878.6	976	976VBG	976
Output power (W)	150	150	160	280	360	370
Spectral width (nm)	5	5	1	5	1	5
95% energy NA	0.18	0.18	0.18	0.17	0.18	0.18
Temp. drift coefficient (nm/°C)	0.3	0.3	0.015	0.3	0.02	0.3
Backlight isolation range (nm)	1850-2100	1030-2100	1030-2100	1030-2100	1030-2100	1030-2100
Working current (A)	10	10	11	18	25	25
Working voltage (V)	33	33	30	29	29	29
Photoelectric efficiency (%)	46	46	50	52	50	52
Fiber core diameter (μm)	≥135	≥135	≥135	≥135	≥200	≥200
Fiber NA	0.22	0.22	0.22	0.22	0.22	0.22
Fiber length (m)	-----	Customized on demand			-----	
Sheath diameter (mm)	-----	0.9			-----	
Terminal	-----	Customized on demand			-----	

* Wavelength, NA, output power, fiber specification and length can be specific designed according to client's requirement

PARAMETERS For LC28 Fiber Coupled

Central wavelength (nm)	790	808	878.6	976VBG	976
Output power (W)	240	240	255	650	670
Spectral width (nm)	5	5	1	1	5
95% energy NA	0.18	0.18	0.18	0.18	0.18
Temp. drift coefficient (nm/°C)	0.3	0.3	0.015	0.02	0.3
Backlight isolation range (nm)	1850-2100	1030-1200	1030-1200	1030-1200	1030-1200
Working current (A)	10	10	11	29	29
Working voltage (V)	51.5	51.5	46.5	45.5	45.5
Photoelectric efficiency (%)	46	46	50	50	52
Fiber core diameter (μm)	≥200	≥200	≥200	≥200	≥200
Fiber NA	0.22	0.22	0.22	0.22	0.22
Fiber length (m)	-----	Customized on demand			-----
Sheath diameter (mm)	-----	0.9			-----
Terminal	-----	Pigtail/Specific			-----

* Wavelength, NA, output power, fiber specification and length can be specific designed according to client's requirement