

## LD PUMPED ALL-SOLID-STATE

## MID-IR LASER AT 445nm

### YN-W-445

#### **Product Description:**

All series CNI laser modules can be fiber coupled with different core diameter MM fiber or SM fiber. You have to refer to the detailed specs of each laser modules (such as power, stability, noise, size, etc) to decide which one is suitable for your application. We would like to do the coupling job for you.

#### *Specification:*

1	型号 Model No.TT	LSR445
2	波长 Wavelength	445+/-5nm
3	输出功率 Output power	1~80mw
4	工作方式 Operating mode	CW or Modulation
5	光斑模式 Spatial Mode	Near TEM00
6	光束尺寸 Beam Size	4mm
7	光束发散角 Beam Divergence (full angle)	1mrad
8	功率稳定性 Power Stability	<3% per 4 hrs
9	温度稳定方式 Temperature Stabilizing	TEC
10	预热时间 Warm Up Time	<1 minute
11	使用寿命 MTF	10,000 hrs
12	激光器尺寸 Laser head dimensions	LSR—ML:100(L)×34(W)×45(H)mm <sup>3</sup>
13	配套电源 Power Supply	LASER-5A
14	调制频率 Modulation	0~30khz Analog模拟 or TTL数字