

# 特殊波长直接半导体激光器

Extraordinary Wavelength Direct Diode Laser



## 特殊波长/EXTRAORDINARY WAVELENGTH

### 光学性能/Optical

中心波长/Center Wavelength	nm	1710
中心波长偏差/Center Wavelength Tolerance	nm	±20
输出功率/Nominal Output Power	W	100
输出功率不稳定性/Output Power Instability	%	≤±2
功率调整范围/Power Tunability	%	10-100
光纤芯径/Fiber Core	μm	400
数值孔径/Numerical Aperture	-	0.22
光纤接头/Output Connector	-	SMA905
光纤长度/Output Fiber Length	m	5

### 指示光/Aiming Beam

指示波长/Wavelength	nm	638
输出功率/Power	mW	≥2

### 电学性能/Electrical

工作模式/Operation Mode	-	CW/Modulated
调制频率/Modulation Frequency	Hz	1~1k
输入电压/Input Voltage	-	220VAC±10%, 50/60Hz
输入电流/Input Current	A	<10

### 热学性能/Thermal

工作温度/Operating Ambient Temperature	°C	5-40
存储温度/Storage Temperature	°C	-25-55
环境湿度/Operating Ambient Humidity	-	MAX70%@25°C
冷却系统/Cooling Method	-	水冷/water cooled

### 其他/Others

外观尺寸/Dimension(WxDxH)	mm	363x627x115
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#### 应用领域 / Applications



透明塑料焊接  
Transparent Plastic Welding

#### 产品特点 / Features



高效率  
High Efficiency



长寿命  
Long Lifetime



结构紧凑  
Small Footprint