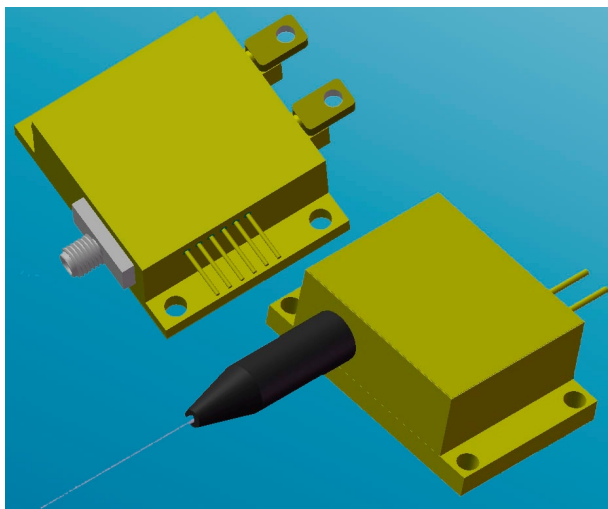


T-Series High Power Laser Diode Module M1064±3-10-F(D)105/22-T3(4)



Features:

- ◆ High output power of 10W@1064nm
- ◆ 105µm core multimode optical fiber
- ◆ 0.22NA

Applications:

- ◆ Laser pumping
- ◆ Medical use
- ◆ Material processing
- ◆ Illumination

Profile:

Han's TianCheng Semiconductor Co., Ltd was founded in November 2011, located in Beijing Development Area. Tiancheng provides high power semiconductor laser modules and systems. TianCheng has advanced research, technological infrastructure and experience in the development and production of diode lasers with self-developed technology, especially in fiber-coupled laser modules. Tiancheng provide high-power pump source modules and systems to solid-state laser and fiber laser manufacturers for laser welding, cladding, surface treatment and other applications of industrial fields .

In 2012 , Beijing RealLight Technology Co., Ltd and Han's TianCheng Semiconductor Co., Ltd established strategic business partner relationship, responsible for marketing and sales of high power diode lasers .

RealLight & Han's TianCheng, joined hands and give you solutions for high power diode laser.

Parameter	Symbol	Typical	Unit
Optical			
CW Output Power	P_{op}	3,10	W
Center Wavelength	λ_c	1064±3	nm
Spectral Width (90% of Power)	$\Delta\lambda$	<3.0	nm
Wavelength Shift with temperature	$\Delta\lambda/\Delta T$	0.35	nm / °C
Electrical			
Threshold Current	I_{th}	1.5	A
Operating Current	I_{op}	9.5	A
Operating Voltage	V_{op}	8.0	V
Slope Efficiency	η_{es}	3.8	W / A
Fiber			
Fiber Core Diameter	d_{core}	105	mm
Numerical Aperture	NA	0.22	-
Fiber Connector	-	SMA905	-