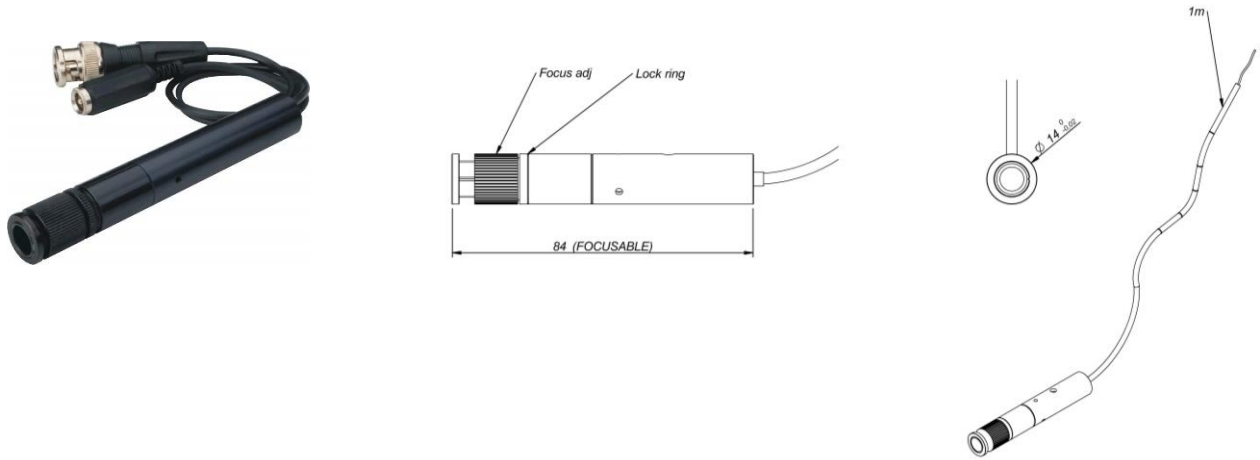


# Single Emitter

T-Series  $\lambda$ 375 - 2200 nm



## Features:

Compact design  
Low bore-sight  
CW and modulable  
High quality lens

Excellent beam performance  
Keeps bore sight while focusing  
Polarization marks

## Suitable for:

Automatics and robotics  
Guidance  
Bio-medics  
Imaging  
Illumination

Technical specifications <sup>(1,2,3)</sup>	
Wavelength [nm]	375 - 2200
Linewidth [nm]	wavelength dependent
Optical power [mW]	1 - 200
Power stability	0.5% rms @ 8 h
Operating current [mA]	wavelength dependent
Voltage @ connectors [V]	5 or 9
Pulse width [ $\mu$ s]	10 up to CW
Pulse repetition rate [kHz]	CW up to 30
Power modulation depth [%]	0 - 100
Clear aperture [mm]	6
Focal length	variable by customer
Beam size and focal point	wavelength dependent
Electrical connection	flying wires
Reverse voltage protection circuit	built in
Operating temperature [°C]	(-10) - (+60)
Storage temperature [°C]	(-20) - (+70)
Laser class [EN-60825]	2 - 3B

1. Specifications at 20 °C, at the beginning of the lifetime
2. Specifications are subject to chips availability
3. Other wavelengths on request