

1105 LED Short Wavelength

LD-635-20-CX



635 nm LD, 20 mW, Coaxial Package, SM Fiber

The LD-635-20-CX is a 635 nm laser diode, packaged in compact coaxial housing with SM Fiber fiber pigtail. It offers excellent stability and reliability. This product can be used for indicator light, test and measurement printing and medical treatment.

FEATURES

- Center Wavelength: 635±10 nm
- Fiber Optical Power 20 mW
- Core Diameter 4 μm
- Anti Reflection Band 1040 nm to 1200 nm

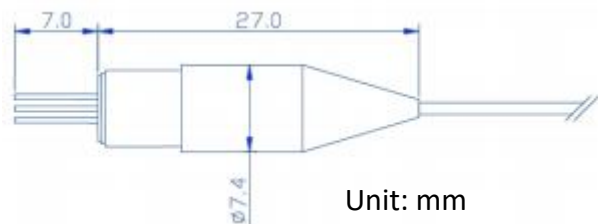
USE IN

- Indicator Light
- Medical Treatment
- Printing
- Test and Measurement

MECHANICAL DRAWING



Pin#	Desc
1	LD+
2	Housing
3	LD-



Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 μm, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.

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Fiber Optical Power	20 mW typ.
Center Wavelength	635±10 nm
Spectral Width	3.0 nm typ.
Wavelength Shift with Temperature	0.2 nm/ °C typ.
Operating Current	165 mA max.
Threshold Current	45 mA typ.
Operating Voltage	3 V max.
Slope Efficiency	0.37 W/A typ.
Core Diameter	4.0 μm
Cladding Diameter	125 μm
Buffer Diameter	0.9 mm
Numerical Aperture	0.13 nm
Fiber Length	1 m (Standard)
Fiber Type	SM Fiber
Connector	FC/APC (Standard) or ST/SMA905
Anti Reflection Band	1040 nm to 1200 nm
Anti Reflection Isolation	30 dB typ.
Operating Temperature	15 °C to +35 °C
Storage Temperature	-20 °C to +70 °C

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