



INDIAN INSTITUTE OF TECHNOLOGY KANPUR  
CENTRE FOR LASERS AND PHOTONICS  
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Enquiry no.: CELP/PSE/IMP/2018-19/AP/NC/02

Enquiry date: 16 / 07/2018  
Last Date: 06 / 08/2018

**Enquiry for 405nm diode Laser**

We would like to purchase a 405nm diode Laser for our research work. Offered product should take into account specifications given below.

Wavelength(nm)	405 nm +/- 10 nm
Power(mW)	$\geq 100\text{mW}$ @ 405 nm after fiber-coupling
Power stability	$< 3\%$ over 2 hours, RMS
Operating Mode	CW, Multi-mode
Beam diameter	$\sim 5\text{ mm}$ @ 10cm (with fiber collimator)
Fiber Type	multi-mode, 200um fiber, N.A. = 0.22
Fiber length	2m standard
Connector Type	FC/FC
With collimator(option)	YES
Beam roundness	$> 95\%$
Operating temp.	5 ~ 40 °C
Expected lifetime	$> 5000$ hours
Warranty time	One year
Housing dimension (mm)	49x42x140 mm <sup>3</sup>
Power Supply	ADR-1805, +230VAC/50Hz

**Terms & Conditions:**

- 1) Cost of the items including relevant accessories with technical specification should be mentioned in detail
- 2) Prices should include delivery up to IIT Kanpur.
- 3) Warranty should at least be for one year after installation.
- 4) Validity of quotation should be at least for 90 days
- 5) Delivery period: within 45 days from the date of purchase order.
- 6) Kindly send your best offer and the quotation along with your authorized dealer certificate to address given below (Technical and Price bid separately).

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