



10W, 940nm Laser Diode with Control and Mount Unit



940LD-2-4-1

- o 0 to 10 Watts Output Power
- o 940nm +/- 5nm
- o Open-Frame Controller, Replaceable Laser
- o 105µm Core Fiber, SMA905 Terminated
- o USB Connected Operation
- o Included GUI and Control Software



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940LD-2-4-1 / LASER-DIODE / CCM SPECIFICATIONS

Laser output specifications	Wavelength: 940 nm (\pm 5 nm) Spectral Width: 3 nm Output Power: 10 W Optical Fiber: 105 μ m Core Multimode
Laser Diode Controller Specifications	Current Range: 0 - 13 Amps Compliance Voltage Range: 0 - 23 Volts Current Stability: \pm 0.05% Laser Diode Set-Point Adjustment Resolution: 0.05 Amps Max. Modulation Rate: 100 kHz
TEC Controller	Temperature Control Range (typ): 15 - 40°C Temperature Stability (typ): 10 mK TEC Power: > 150 Watts
Modulation Specifications	Pulse Duration: 10 μ s to CW (External Source) Trigger: External Only Externally Adjustable CW Offset in Pulse Mode
User Interface and Power Input	USB with GUI Software Includes Control Software Libraries : DLLs, Hexa, Labview VI Required Power Supply : 24 VDC (not included; see below) Recommended Power Supply: EA-PS 2042-20B (from Newark)
Dimensions	238 mm x 119 mm x 112 mm



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PRODUCT WARRANTY

This product is sold with a full one-year warranty. It is warranted to be free from defects in material and/or workmanship for a period of one year from the date of shipment.



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