



Uncooled Multimode Pump Laser Modules

B10-915 B10-975

*915 nm and 975 nm
pump lasers in fiber-coupled
14-pin butterfly packages.*

Multi-mode Pump Laser modules from Spectra-Physics Telecom are available at wavelengths of 915 nm and 975 nm, packaged in a fiber-coupled 14-pin butterfly package. Laser chip is optimized for over 50% power efficiency and high-temperature operation. Improved fiber-coupling techniques result in over 1 W out of a 100 μm , 0.15 NA fiber, making it a high brightness multimode pump laser module. Spectra-Physics Telecom has also leveraged its high-volume laser diode fabrication expertise to ramp up production of these Telecom pump laser modules. Full qualification for high reliability Telecom pump application is ongoing.

Features

- ▲ Fiber-coupled power output of over 1 W
- ▲ 100 μm core, 0.15 NA high-brightness fiber-coupled output
- ▲ Available at 915 nm & 975 nm wavelengths
- ▲ No internal TE-cooler
- ▲ Electrically isolated case

Applications

- ▲ Pumping Raman fiber lasers
- ▲ Pumping ytterbium-doped double-clad fiber lasers
- ▲ Pumping double-clad fiber amplifiers
- ▲ Pumping waveguide amplifiers
- ▲ Pumping specialty fiber amplifiers

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LEAD CONNECTIONS

- 1 = N/C
- 2 = THERMISTOR
- 3 = MONITOR PD ANODE
- 4 = MONITOR PD CATHODE
- 5 = THERMISTOR
- 6 = N/C
- 7 = N/C
- 8 = N/C
- 9 = N/C
- 10 = LASER ANODE
- 11 = LASER CATHODE
- 12 = N/C
- 13 = CASE GROUND
- 14 = N/C

