

Press Release

JDSU Launch 6398-L4t: High Power, Tight Wavelength Tolerance, 976nm, Fibre-Coupled Diode Laser.

Edinburgh, 22 October 2008

JDSU's 6398-L4t series fibre-coupled diode laser expands their L4 platform by offering a tighter wavelength range specification of ± 3 nm at 976nm for the fibre laser pumping market.

Distributed in the UK by Photonic Solutions, the L4t series diode lasers offer 10W of CW power from a 105 μ m fiber into a 0.22 or 0.15 numerical aperture. The tight wavelength tolerance is achieved by accurately controlling the wavelength of the epitaxial



structure during growth, with the end result the narrow ± 3 nm wavelength range of the L4t package. This tight wavelength tolerance around 976nm makes it the ideal source for pumping fibre lasers in this narrow absorption bandwidth.

The 6398-L4t series diode lasers also takes advantage of the existing global JDSU manufacturing infrastructure to offer both high brightness and a small footprint with consistent high reliability in a cost-effective solution.

Photonic Solutions is the UK distributor of the JDSU range of commercial laser products. JDSU has a diverse portfolio of near infrared diode lasers, please contact us for information on the full range of diode lasers available.

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