

Press Release

10W and 8.5W, Near Infra-red Multi-Mode Diode Lasers from JDSU

Edinburgh, 25 February 2009

JDSU have released the 63xx series near infra-red, high brightness, multi-mode diode lasers which offer 10W of continuous-wave power at 915nm, 940nm or 976nm from a 100 μ m aperture.



Distributed in the UK by Photonic Solutions (www.photronicsolutions.co.uk), the 63xx series diode lasers represent an advancement in high CW optical power and ultra-high brightness with unsurpassed reliability. The small emitting aperture, combined with low beam divergence, makes the 63xx series the highest brightness family of CW diode lasers available in the industry.

Incorporating MOCVD quantum well structures and utilising low thermal resistance epi-down chip mounting in the 63xx series, results in minimum junction temperature at high optical power. Low junction temperature and low thermal resistance packages extend the lifetime and increase reliability of these high brightness diodes. The low thermal-resistance, electrically isolated submounting also allows for easy integration into user systems.

JDSU have also now released a higher power version of the 24xx series 808nm, high brightness multi-mode diode laser with 8.5W of power from a 200 μ m emitter. The 24xx series is offered in industry standard 'C-mount' packages, TO-56 and SOT-148 package as well as high heat load planar substrates.

Both these lasers have been developed in industry standard packaging formats and leverage JDSU's telecom-grade design and processes to provide high performing, reliable and power efficient solutions for OEMs.

~ENDS~

For Immediate Release