

HIGH BRIGHTNESS, DIODE LASER MODULES



BY UTILIZING OUR IMMENSE LASER KNOW-HOW AND MICRON LEVEL PRECISION AUTOMATED MANUFACTURING WE ARE ABLE TO OFFER A WIDE RANGE OF RUGGEDIZED, LIGHT WEIGHT DIODE MODULES AT A VARIETY OF WAVELENGTHS.

FOR EXAMPLE, TO COMPLY TO A CUSTOM REQUEST OF A CLIENT, CIVAN HAS MANUFACTURED RUGGEDIZED, COMPACT DIODE LASER MODULES EMITTING UP TO **150W** AT A **NARROW LINEWIDTH** **976 NM WAVELENGTH, COUPLED TO A 105 MICRON FIBER**. THESE DIODE LASER MODULE OFFERS A SET OF SPECIFICATIONS THAT IS OTHERWISE VERY DIFFICULT TO FIND THROUGH-OUT THE LASER INDUSTRY.

FEATURES:

- UP TO 150W OUTPUT POWER (WAVELENGTH DEPENDENT)
- 105 MM FIBER COUPLING
- FREQUENCY LOCKED (NARROW LINEWIDTH) < 0.1 NM
- 765 – 2200 NM WAVELENGTH

APPLICATIONS:

- MATERIALS PROCESSING
- FIBER LASER PUMPING