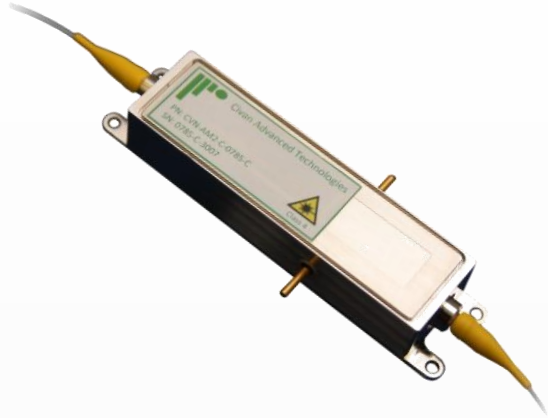


# SINGLE MODE, DIODE AMPLIFIERS & LASERS

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

CIVAN HAS MANUFACTURED HUNDREDS OF COMPACT SINGLE DIODE AMPLIFIER MODULES EMITTING OUTPUTS OF UP TO **5.5W AT VARIABLE WAVELENGTHS, COUPLED TO A SINGLE MODE FIBER**. THESE POLARIZATION MAINTAINING DIODE AMPLIFIERS ARE SPECIALLY DESIGNED TO WORK WITH A MW LEVEL NARROW LINEWIDTH SEEDER LASER. CIVAN IS ALSO ABLE TO PROVIDE SINGLE MODE DIODE **LASERS** AT THE SAME PACKAGE AND ALSO FULL-TURN KEY SYSTEMS.



## FEATURES:

- UP TO 5.5W OUTPUT POWER (WAVELENGTH DEPENDENT)
- SINGLE MODE BEAM QUALITY,  $M^2 < 1.1$
- NARROW LINEWIDTH, POLARIZATION MAINTAINING
- 765 – 2200 NM WAVELENGTH

## APPLICATIONS:

- 3D PRINTING
- RESEARCH & SCIENTIFIC
- SPECTROSCOPY