

Press release

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HIGH POWER, HIGH STABILITY: TA-7600 Series Semiconductor Tapered Amplifier

Wessling, 21 July 2009, The New Focus™ TA-7600 series of Tapered Amplifiers are designed to provide up to 1 W of amplified power at a variety of infrared wavelengths.

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TA-7600 Series Semiconductor Tapered Amplifier

The TA-7600 will faithfully amplify tunable single-frequency light produced by External Cavity Diode Lasers as well as other light sources of appropriate wavelength.

The New Focus™ engineering team designed reliability and ease of use into the TA-7600 as well as performance. Fiber-coupling input ensures fast, easy, and reliable alignment. Simply make a secure connection with your FC/APC fiber and that's it - no tweaking. Active input power monitoring insures that self lasing won't damage the tapered amplifier chip. A power lock loop monitors and levels the output power to provide quiet, low-drift output all day long even when your laboratory environment changes. A simple USB driven GUI provides all the control you need and for a limited time, we are including a WiFi-enabled iPod Touch that also controls your TA-7600 in a convenient and fun way.

When seeded with a low-ASE source such as the Vortex™ II or Velocity™ lasers the TA-7600 faithfully reproduces the narrow linewidth and high contrast ratio. The TA-7600 will also accept other seed sources, including many home-made ECDLs. Contact our tech support for help in seeding the TA-7600.

About Laser 2000:

Since 1986 Laser 2000 GmbH is a supplier of high technology in the field of lasers, micromachining equipment, optics, and fiber optic equipment. Our products are designed to meet the challenges of both research and industrial production as well as your actual or future requirements of your applications.

For further information please contact:

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