

NEW



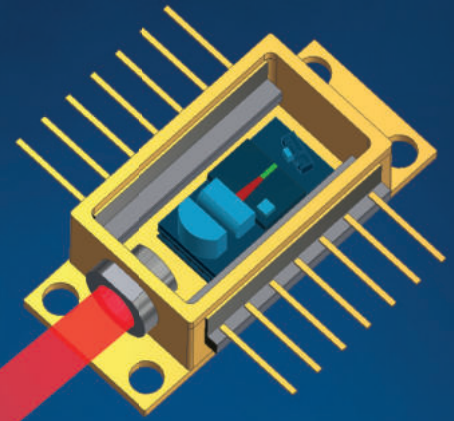
μ MOPA

in standard butterfly package.

DBR laser and tapered amplifier
monolithically integrated on the same chip

μMOPA

1064 nm, stabilized by integrated DBR structure, 2 W (cw)

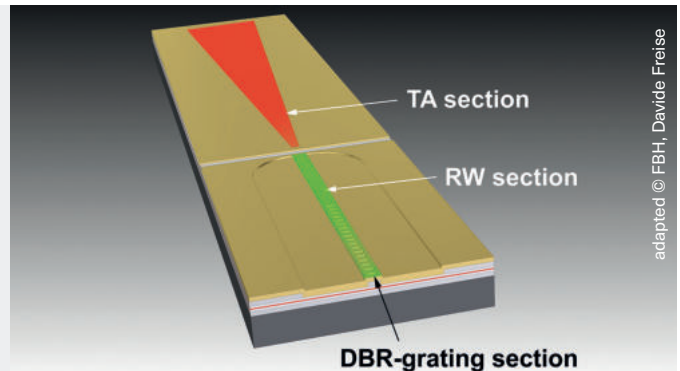


ONE OF OUR NEWEST INNOVATIONS

With the launch of the μMOPA, TOPTICA eagleyard sets a new milestone in the photonics industry. Our developers managed to create a unique product to bridge the gap between science and industry. For the first time a DBR laser and tapered amplifier are monolithically integrated on the same chip with a standard 14 pin butterfly package.

YOUR ADVANTAGES

- Low complexity due to the monolithical integration of a seed laser and an amplifier
- Easily mountable due to the use of standard sockets
- Circular beam profile is beneficial for fiber coupling and focusing



PRODUCT HIGHLIGHTS

- 2 Watt optical power
- Small line width (typ. 3 μm)
- 14 pin butterfly package
- Very good SMSR (typ. > 50 dB)
- Integrated beam collimation
- Low residual divergence
- Thermal management by integrated thermoelectric cooler and thermistor

Datasheet: EYP-TBR-1064-02000-6000-BFW09-0000

APPLICATION HIGHLIGHTS

