

Pumping (Tm-Er-Nd-Yb)



Medical and Health



Security and Defense



Telecommunication



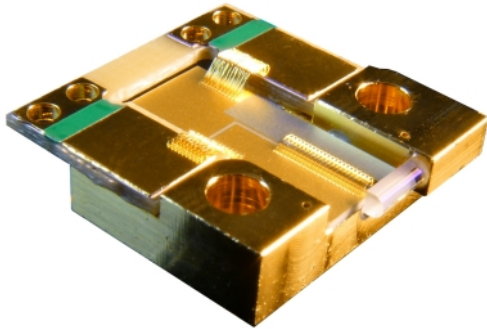
Analysis and Sensing



Materials Processing

Dear Madam or Sir,

Lumics GmbH, Berlin presents pump laser diodes from **4W** up to **40W** including fast axis collimation directly from the diode on carrier. The perfect solution for your pumping application: **Tm, Er, Nd** and **Yb**.



The Diodes are available from 793nm up to 1064nm, from which we have several standards, such as **793nm, 808nm, 915nm, 938nm, 976nm, 980nm**.

The diodes are selected with a wavelength tolerance of $\pm 3\text{nm}$ for each absorbing material.

The F-Mount is easy to handle, easy to mount, easy to connect electrically and has a tiny footprint, long lifetime and several emitter sizes from $45\mu\text{m}$ single emitter up to $190\mu\text{m}$ double emitter.

For other applications, for example medicine or materials processing, the F-Mount is the best choice for powerful laser in compact design.

We like to discuss your needs. See us on Photonics West in San Francisco in January, Booth#1840.

Lumics GmbH in Berlin produces laser diodes (single and multimode) and systems based on single emitter, direct diode technology, manufactured under ISO 9000 conditions.

For more information, please find the detailed [data sheets](#) on our website www.lumics.com.

We look forward to working with you.

Your ideas are welcome.

kind regards,

Your Lumics Team



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