

Modulated Diode Pumped Solid State Laser With Single Mode Fiber Coupling



GLK TFM series, 532 nm, up to 80 mW
YLK TFM series, 561 nm up to 20 mW

GLK TFM and YLK TFM series are equipped with an internal modulation of the output power and an integrated fiber coupling. Its robust design ensures long term stability of the output parameters. The modules are especially suited for all applications requiring high power stability, low noise and excellent beam quality. The modules can be directly modulated by an analog or digital signal. Various options for the output connector or collimation are available.

Specifications

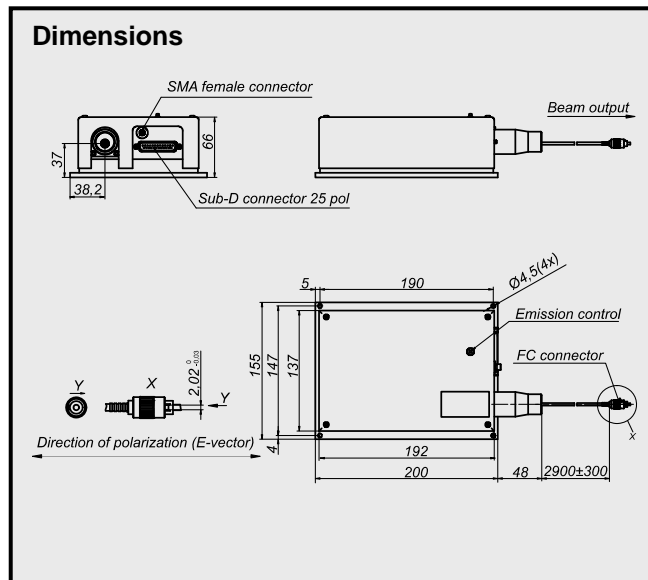
Fiber Coupling	Pigtail style, single mode, Polarization maintaining fiber
Transversal mode	TEM ₀₀
Longitudinal mode	Single frequency
Polarization at fiber output	> 100:1
Optical noise	< 0.5% rms @ > 30 Hz ... 10 MHz
Power stability over 8 h	< ±2%
Operation temperature range	15°C...40°C
Modulation signal	Control voltage 0... 5 V
Rise time / fall time	< 1 μs

Options

- Collimated output
- Customized OEM versions

Applications

- Confocal microscopy
- Flow cytometry
- Imaging



Your contact in North America



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