

quattroXX_4

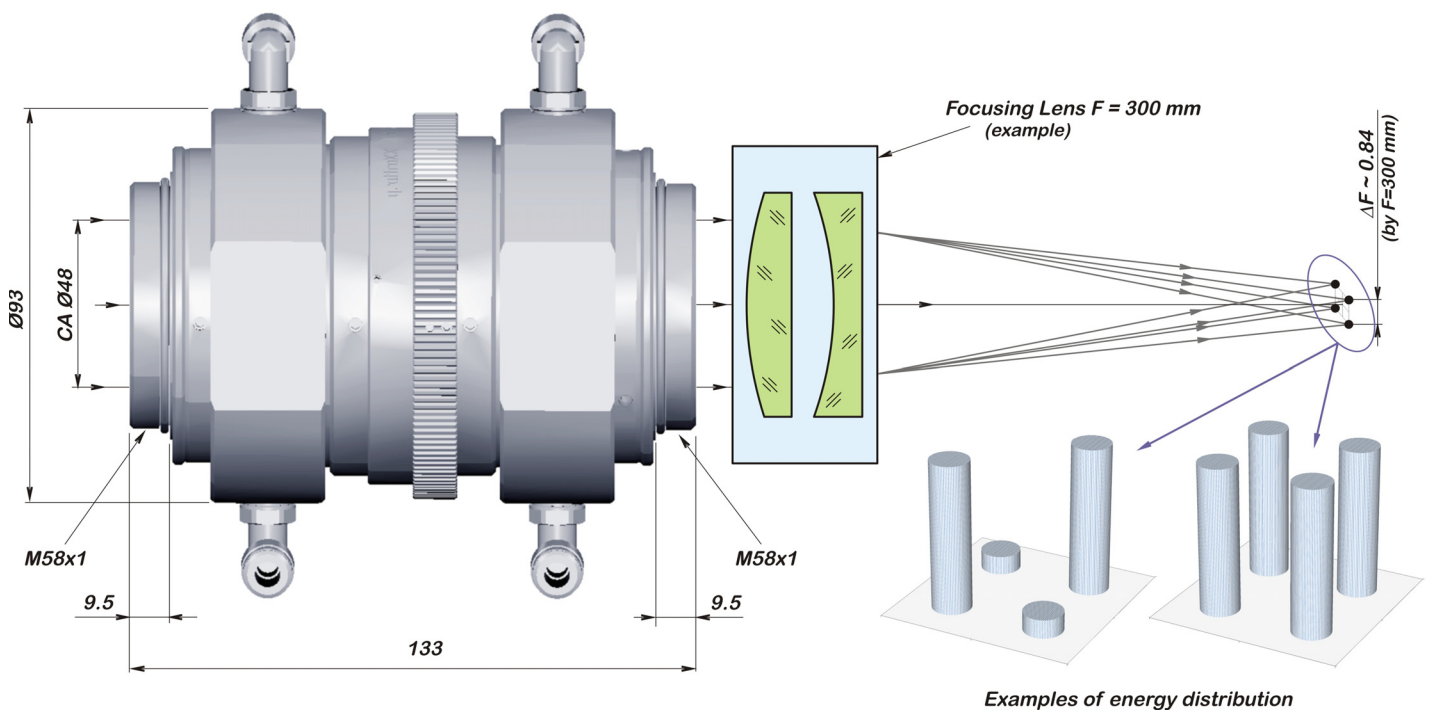
Lossless beam splitting for multi kW lasers

Applications:

- Welding
- Cladding
- Brazing

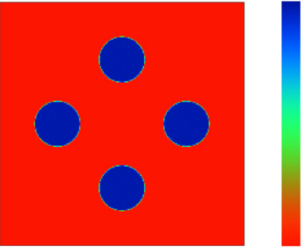
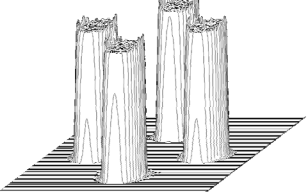
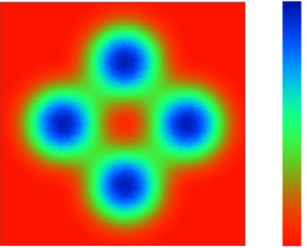
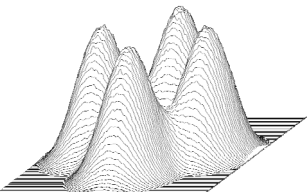
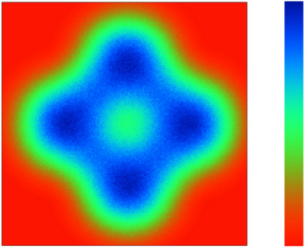
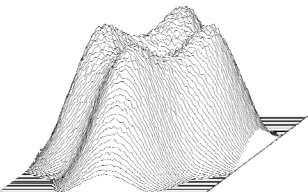
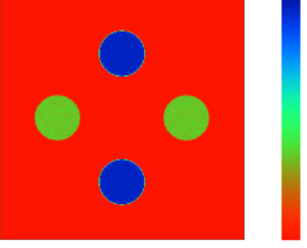
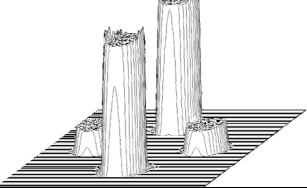
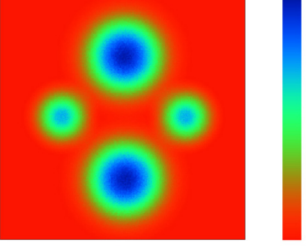
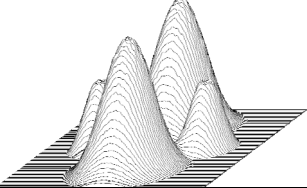
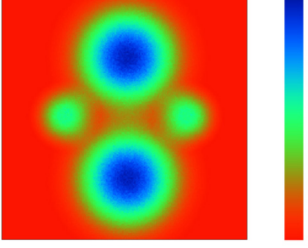
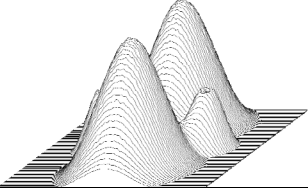
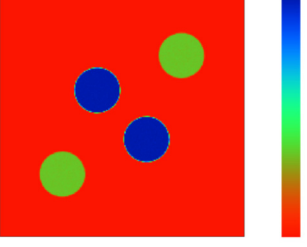
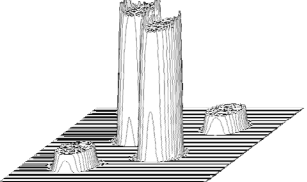
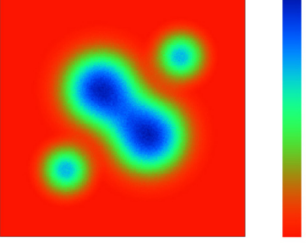
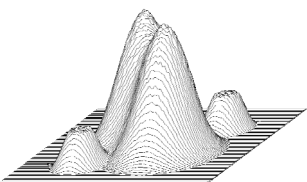
Features:

- Splitting in 4 spots
- High transmission
- Lossless operation
- 2.8 x 2.8 mrad angle
- CA 48 mm
- TEM₀₀ and multimode lasers
- Power up to 6 kW
- Spectrum: 950 - 1100 nm



Examples of energy distribution

Available profiles depending on device settings:

focal-plane	de-focused	more de-focused	
 	 	 	<p>even energy portions in spot</p>
 	 	 	<p>variable energy portions in spot</p>
 	 	<p>variable energy portions in spot variable distance between spots</p>	