

#### 400.00series G2T-Converters

Product Name	Gaussian-to-Tophat Converter (GtoTC)	Gaussian-to-Tophat Converter (GtoTC)	Gaussian-to-Tophat Converter (GtoTC)	Gaussian-to-Tophat Converter (GtoTC)
Product Number	400.004	400.001	400.002	400.003
Description: Beam shaper module for single mode laser. The Gaussian input beam will be converted into a homogeneous tophat profile.				
Application wavelength [nm]	355 ... 532	355 ... 1064	1064	355 ... 1064
Field size / line width [FW@1/e <sup>2</sup> ]	60µm x 60µm (+/-10µm)	90µm x 90µm (+/-10µm)	120µm x 120µm (+/-10µm)	180µm x 180µm (+/-10µm)
Working distance depends on the required field size	50mm (+/-10mm)	50mm (+/-10mm)	50mm (+/-10mm)	100mm (+/-10mm)
Input diameter [FW@1/e <sup>2</sup> ] ≤ 4 mm	4.0mm (+/-0.1mm)	2.0mm (+/-0.1mm)	3.0mm (+/-0.1mm)	2.0mm (+/-0.1mm)
Input beam divergence [FW@1/e <sup>2</sup> ]	≤ 1mrad	≤ 1mrad	≤ 1mrad	≤ 1mrad
Input beam quality [M <sup>2</sup> ]	< 1,4	< 1,4	< 1,4	< 1,4
Uniformity	< 10% (typicaly 5%)	< 10% (typicaly 5%)	< 10% (typicaly 5%)	< 10% (typicaly 5%)
Transmission	> 97%	> 97%	> 97%	> 97%
Dimensions [Ø x l; mm]	70x73	70x73	70x73	70x73
Accessories	Zoom-Telescope; Attenuator	Zoom-Telescope; Attenuator	Zoom-Telescope; Attenuator	Zoom-Telescope; Attenuator