







[3] J. J. Cordingley, "Method for Serving Integrated-Circuit Connection Paths by a Phase-Plate-Adjusted Laser Beam". US Patent 5300756, 5 April 1994.



Gaussian Beam Profile



Beam Profile Sections along its Propagation Direction









Beam Shaping Verification _____



|7

Single Ablation Spots (200 Pulses) vs. Theoretical Simulation

Ablation spots have been performed by the OTTO SCHOTT Institute, Jena







Very good agreement with theoretical simulation

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Top-Hat (pos. 2)









\equiv Beam Shaping at the next level



Further development of the known concept









Beam Shaping at the next level



= The squared version of the AiryShape





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Simulations show great results



\equiv Beam Shaping at the next level



= The squared version of the AiryShape

100

83.3

66.7

50

33.3

16.7

0







\equiv What can you do for us



Help us develop new products for the market

- = Tell us what other profiles you need for your application
- = Tell us what you expect from your beam shaping element
- = Challenge us We love it!





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