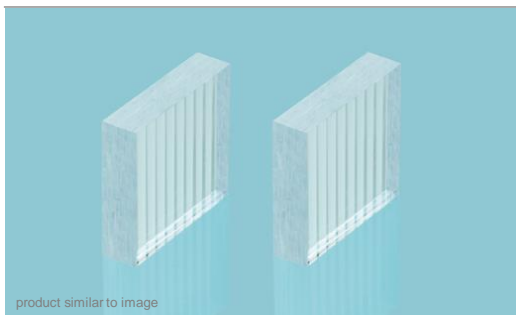


Beam Splitter @ 532 nm for 11 Beams

Product number: ZLA001691



General Description:

| Advanced Optical Solutions |

This diffractive beam splitter is based on a one-dimensional continuous free-form surface to split the beam of a 532 nm laser into 11 equidistant beamlets with the same intensity with lowest losses.

Specification Data	Unit	Value
Material		Fused Silica
Design wavelength	nm	532
Length	mm	20.0 ± 0.1
Width	mm	20.0 ± 0.1
Thickness	mm	2.0 ± 0.25
Clear aperture	mm ²	17.5 x 17.5
Number of beams		11
Beam-beam angle	mrad	5.0
Beam angle accuracy	mrad	± 0.05 absolute
	mrad	< 0.001 beam-beam
Efficiency (@ 532 nm) (integrated power of the 11 beamlets vs. total power)	%	95 ± 2
Uniformity of the generated beams (I _{max} -I _{min})/(I _{max} +I _{min})	%	≤ 10 (typically)
AR-coating	%	R < 0.3 @ 532 nm (per surface)
Minimum beam diameter FW1/e ²	mm	1.0

RoHS compliant
2002/95/EG

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Version December 19, 2017