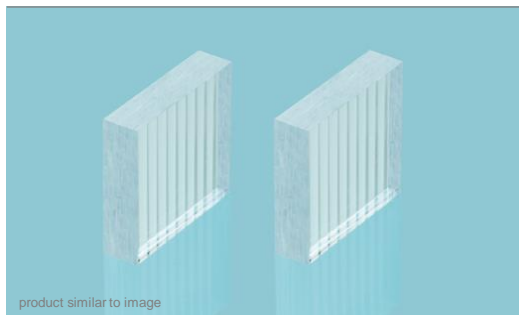


Beam Splitter @ 1064 nm for 11 Beams

Product number: ZLA001690



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 1064 nm laser into 11 equidistant beamlets with the same intensity with lowest losses.

Specification Data	Unit	Value
Material		Fused Silica
Design wavelength	nm	1064
Length	mm	20.0 ± 0.1
Width	mm	20.0 ± 0.1
Thickness	mm	1.15 ± 0.25
Clear aperture	mm ²	17.5 x 17.5
Number of beams		11
Beam-beam angle	mrاد	21.3
Beam angle accuracy	mrاد	± 0.4 absolute
	mrاد	< 0.1 beam-beam
Efficiency (@1064 nm)	%	95 ± 2
(integrated power of the 11 beamlets vs. total power)		
Uniformity of the generated beams (I _{max} -I _{min})/(I _{max} +I _{min})	%	≤ 8 (≤ 6 typically)
AR-coating	%	R < 0.3 @ 1064 nm (per surface)
Minimum beam diameter FW1/e ²	mm	0.5

RoHS compliant
2002/95/EG

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