

Homogenizers tolerant to incident beam size and beam quality

Item Number: T-RD-50-18mm@1600mm-532

Input parameters

Wavelength:	532 nm
Diameter of input spot:	> 12 mm
Laser mode:	Single-mode or Multi-mode
Collimation required or not:	This product was design for collimated incident beam. If non-collimated incident beam is used, the output parameters will be different from the datasheet.

Element Parameters

Transimmissive or reflective:	Transimmissive
Material:	Fused silica
Dimension:	Φ50.8 mm
Thickness:	0.5 mm
Laser mode:	Single mode or Multi-mode
Coated or not:	No

Output parameters

Output shape:	Round
Full angle:	–
Working distance and output beam size	18 mm round spot at work distance of 1600 mm (when collimated incident beam is used)
Nonuniformity error:	< 5%

Focusing lens required or not

Focusing lens required or not	No. If focusing lens is used, the output parameters will be different from the datasheet.
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