



INDUSTRIAL LASER LENS

Esco manufactures special plano-convex lenses to act as replacement elements for industrial Nd: YAG lasers that operate at 1.06 μm .

These lenses are guaranteed to meet or exceed the performance requirements of your original laser equipment, derive from high homogeneity fused silica, and multilayer AR-coated to resist thermal damage.

Custom industrial laser lenses are also available and any focal length is possible.

**S1 UV Grade Fused Silica
Corning 7980**

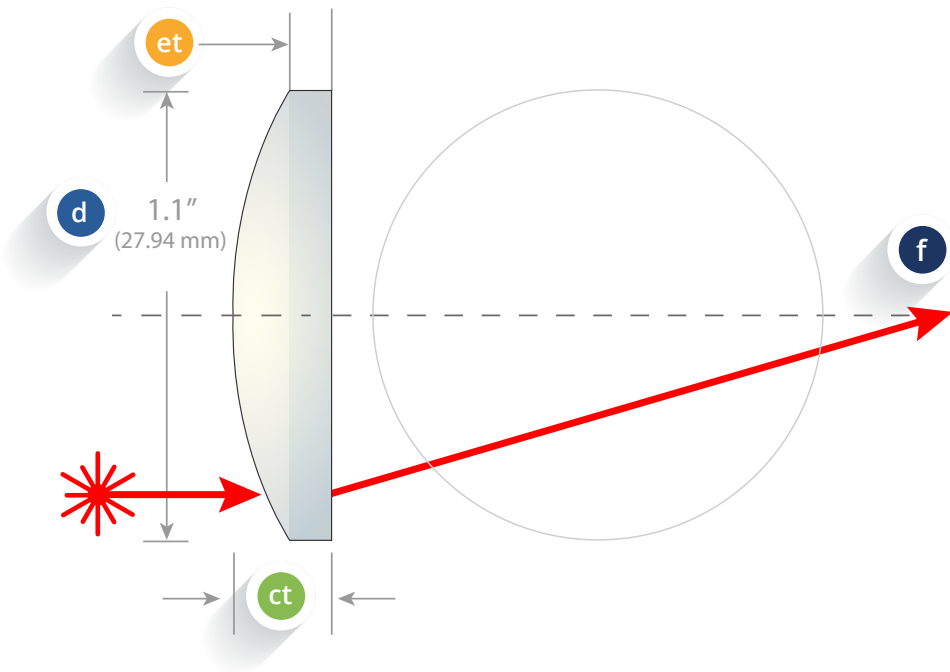
In addition to our standard lines of laser lenses, we also manufacture a variety of custom lenses.

For more information on these and other custom products or applications, please contact us at sales@EscoOptics.com or EscoOptics.com/quote.

NEED HELP WITH A CALCULATION?

Use our online optical calculator

Calc.EscoOptics.com



P/N	f_{nom}	f/#	CT
A711020	50.8 (2")	1.8	6.3
A711040	101.6 (4")	3.6	3.7
A711060	152.4 (6")	5.5	2.9
A711080	203.2 (8")	7.3	2.6
A711100	254.0 (10")	9.1	2.4
A711120	304.8 (12")	10.9	2.2

Focal Length Tolerance	+/- 2%	Clear Aperture	1" (25.4 mm)
Diameter Tolerance	+/- 0.125 mm	Edge Thickness	1.5 mm +/-0.5 mm
Thickness Tolerance	+/- 0.5 mm	Surface Quality	20-10, Scratch-Dig
Design Wavelength	1.06 μm	Coating	AR-V Multilayer AR coating for <0.25% R per surface at 1.06

All dimensions in mm unless otherwise specified



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