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ISP Optics Infrared (IR) Diffusers

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- Even, Diffuse Surface
- Low Scatter Loss
- 0.3 – 12.0µm Spectral Range
- [UV Fused Silica Ground Glass Diffusers](#) Also Available

Common Specifications

General

Note:

Fine Grind first surface with a roughness (Ra) of ~0.75 microns

Physical & Mechanical Properties

Edges:

Ground Edges

Thickness (mm):

3.00 ±0.13

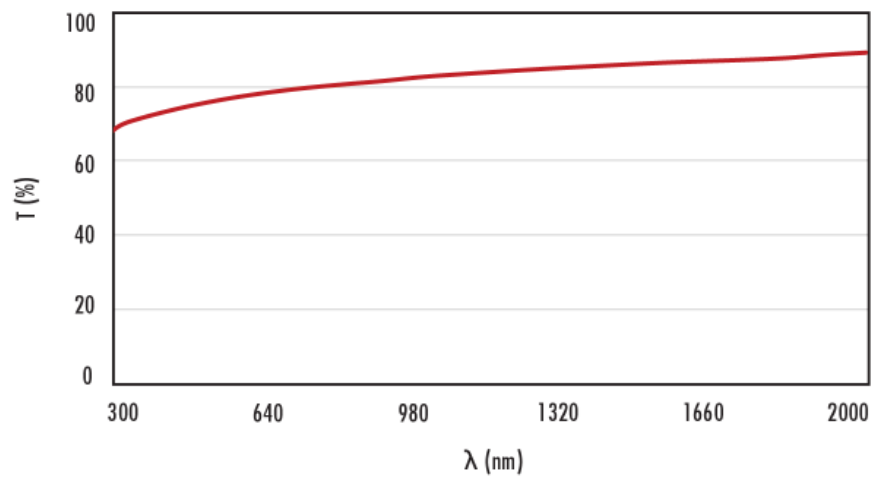
Optical Properties

Coating:

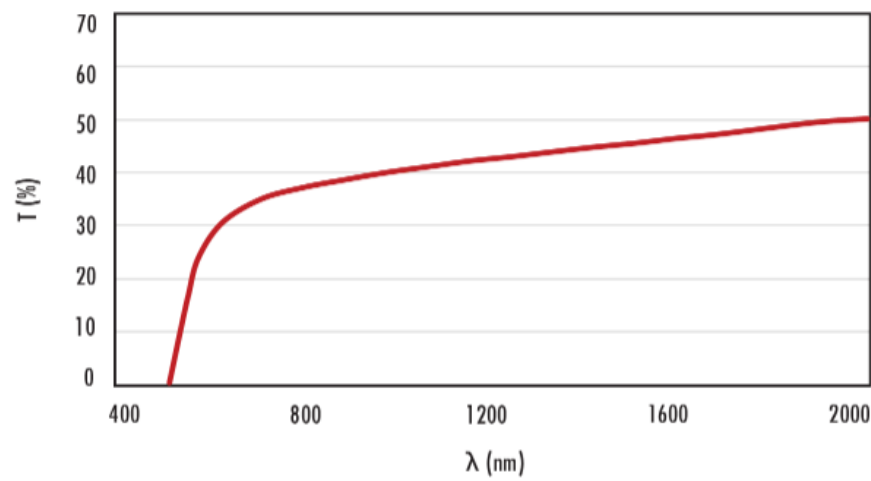
Uncoated

Technical Information

CaF₂ Diffuser
Typical Transmission



ZnSe Diffuser
Typical Transmission



Products

Dia. (mm)	Thickness (mm)	Wavelength Range (nm)	Substrate	Model Number	Stock Number	Price	Buy
25.40	3.00	600 - 12000	Zinc Selenide (ZnSe)	DIF2-IR- 25-3	#16-820	₹23,619 Qty 11+ ₹21,272	10 to 12 days
25.40	3.00	300 - 8000	Calcium Fluoride (CaF₂)	DIF-IR- 25-3	#16-819	₹12,983 Qty 11+ ₹11,663	10 to 12 days
#24-711 Clearance							
× Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.							
38.10	3.00	300 - 8000	Calcium Fluoride (CaF₂)	DIF-IR- 38-3		₹16,650 Qty 11+ ₹14,940	10 to 12 days

