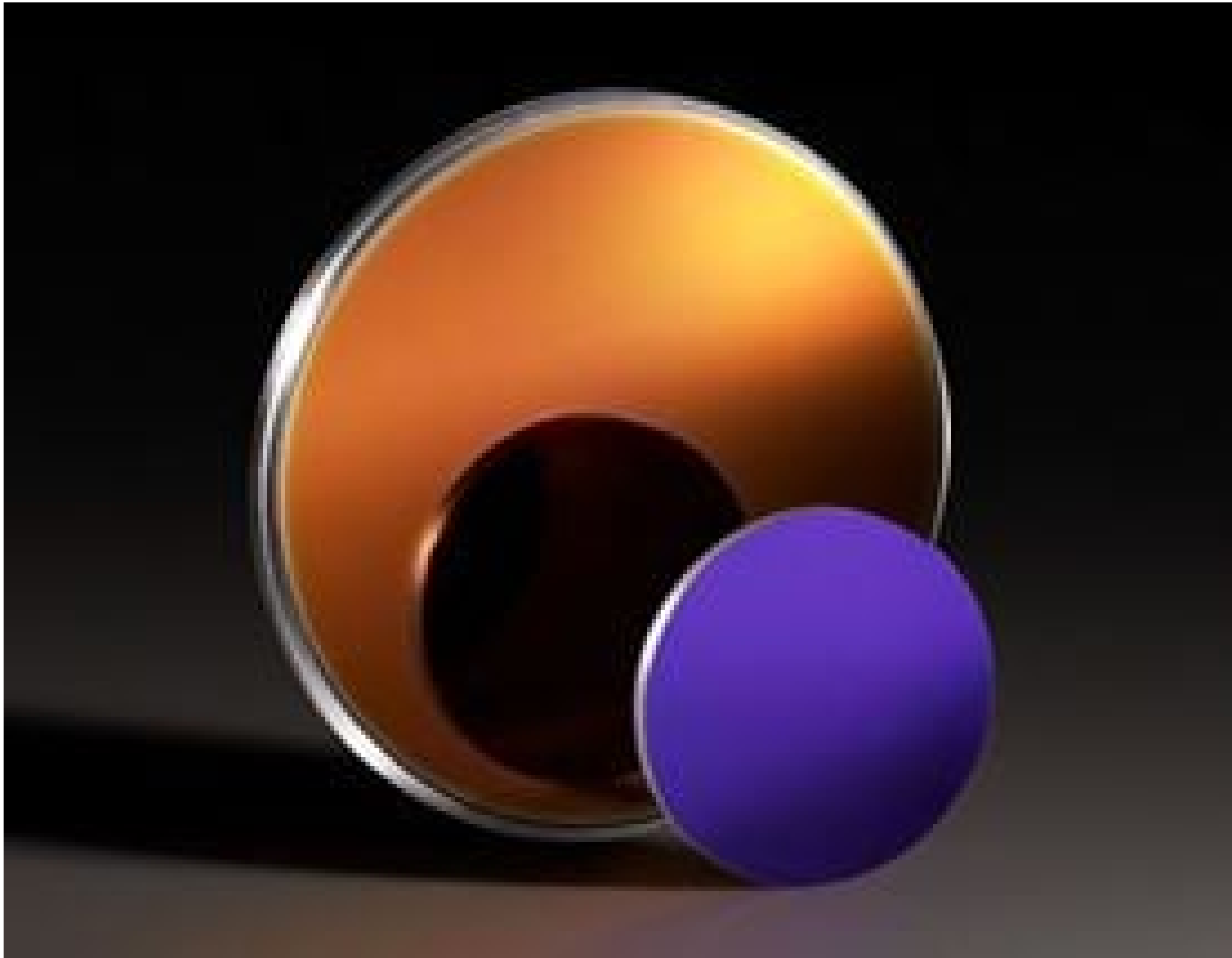


4.50μm, 12.5mm Diameter, Infrared Longpass Filter



Infrared (IR) Longpass Filters

Stock **#33-971** 3-5 DAYS



1



A\$289.60

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Qty 1-9

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Qty 10+

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Diameter (mm):
12.50 +0.0/-0.1

Optical Density OD (Average):
≥3.0

Cut-On Wavelength (nm):
4,500.00

Substrate: ☐

Germanium (Ge)
Operating Temperature (°C): -62 to +71
Coating: Traditional Coated
Surface Quality: 80-50
Thickness (mm): 1.00
Thickness Tolerance (mm): ±0.2
Transmission (%): >85
Transmission Wavelength (nm): 4730 - 9000
Transmission Wavelength (µm): 4.73 - 9.00
Type: Longpass Filter
Blocking Wavelength Range (nm): 200 - 4500
Parallelism (arcmin): <10
Clear Aperture (%): 90
Slope Factor (%): <7
Cut-On Wavelength (µm): 4.50 ±0.18
Note: Transmission at cut-on wavelength is 5% of peak transmission.
Surface Flatness (P-V): 3 - 5λ

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant