

1.05μm, 12.5mm Diameter, Infrared Longpass Filter



Infrared (IR) Longpass Filters

Stock **#33-967** In Stock



1



£119.85

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Qty 1-9

£119.85

Qty 10+

£107.87

Volume Pricing

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Diameter (mm):
12.50 +0.0/-0.1

Optical Density OD (Average):
≥3.0

Cut-On Wavelength (nm):
1,050.00

Substrate: Silicon (Si)
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): 1100 - 2100
Transmission Wavelength (µm): 1.10 - 2.10
Type: Longpass Filter
Blocking Wavelength Range (nm): 200 - 1050
Parallelism (arcmin): <10
Clear Aperture (%): 90
Slope Factor (%): <12
Cut-On Wavelength (µm): 1.05 ±0.04
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