

Richardson Gratings™ 500 Grooves, 25 x 25mm, 560nm, Plane Ruled Reflection Grating

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Richardson Gratings™ High Precision Plane Ruled Reflective Diffraction Gratings



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1

C\$235.20

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Groove Density (grooves/mm):
500

Wavelength Range (nm):
350 - 1200

Blaze Wavelength (nm):
560 ±25

Blaze Angle (°): 8
Peak Efficiency, Typical (%): 77
Dimensions (mm): 25.0 x 25.0 ±0.1
Clear Aperture (%): >90
Coating: Aluminium
Construction: Ruled Grating
Length (mm): 25.00
Substrate: ☐ Float Glass
Thickness (mm): 6.00 ±0.5
Type: Reflective Diffraction Grating
Width (mm): 25.00
Reflected Wavefront, RMS: λ/4
Centering of Ruled Area on Substrate (mm): ±1
Alignment of Grooves to Edge (°): ±0.15
Groove Spacing Tolerance (%): <0.05
Polarization: S and P
Master Reference: 1350
Spectral Order (m): 1

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View