

50mm Dia. BaF₂, IR Holographic Wire Grid Polarizer



50mm Dia. BaF₂, IR Holographic Wire Grid Polarizer, #62-771

Stock **#62-771** ☐ In Stock

⊖ 1 ⊕ **C\$2,660.00**

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Angle of Incidence (°):
0

Clear Aperture CA (mm):
34.0

Diameter (mm):
50.00

Extinction Ratio: 150:1 @ 3μm, 300:1 @ 10μm
Substrate: Barium Fluoride (BaF2)
Operating Temperature (°C): -20 to 75
Polarization: Notches on polarizer ring are aligned with wires of wire grid
Thickness (mm): 2.00
Transmission (%): >65
Type: Linear Polarizer
Parallelism (arcmin): ≤3
Dimensional Tolerance (mm): ±0.2
Construction: Wire Grid
Groove Parallelism to Edge (°): N/A
Mount Thickness (mm): 6.0
Note: Notches on polarizer ring are aligned with wires of wire grid (max reflection)
Ring Thickness (mm): ±0.1
Wavelength Range (nm): 2500 - 12000
Surface Flatness (P-V): λ/10 @ 10.6μm
Damage Threshold, By Design: 50 W/cm²
Mount: Black Anodized Aluminum
Groove Density (grooves/mm): 2700.00

Regulatory Compliance

RoHS: Compliant
Reach 219: Compliant
Certificate of Conformance: View