

50 x 50mm, 7-15µm, High Contrast IR Wire Grid Polarizer



Stock **#88-250** [CONTACT US](#)

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+

A\$3,416.00

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Angle of Incidence (°):
0 ±20

Extinction Ratio:
7000:1 @ 8µm, 7000:1 @ 10.6µm, 7000:1 @ 12µm

Substrate: ☐
Silicon (Si)

Length (mm): 50.00
Operating Temperature (°C): Up to 200
Dimensions (mm): 50.0 x 50.0
Thickness (mm): 0.70
Thickness Tolerance (mm): ±0.07
Transmission (%): T _p >85% @ 8.0µm T _p >81% @ 10.6µm T _p >75% @ 12.0µm
Type: Linear Polarizer
Dimensional Tolerance (mm): ±0.4
Construction: Wire Grid
Thermal Expansion: 2.6 x 10 ⁻⁷ /°C
Alignment Tolerance (°): ±2
Wavelength Range (nm): 8000 - 12000
Damage Threshold, By Design: ☐ 100 kW/cm ² Blocking Direction 10 kW/cm ² Transmission Direction @ 3.3µm, 7ns, 25kHz, 150µm Spot Size
Width (mm): 50.00

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View