

12.5 x 12.5mm, 3-5µm, High Contrast IR Wire Grid Polarizer



Stock **#88-245** 3-4 DAYS

- 1 + **£752.25**

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Qty 1-5
£752.25

Qty 6+
£675.75

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Angle of Incidence (°):
0 ±20

Extinction Ratio:
5000:1 @ 3µm, 5000:1 @ 3.7µm, 7000:1 @ 5µm

Substrate: ☐
Silicon (Si)

Length (mm): 12.50
Operating Temperature (°C): Up to 200
Dimensions (mm): 12.5 x 12.5
Thickness (mm): 0.70
Thickness Tolerance (mm): ±0.07
Transmission (%): T _p >90% @ 3.0µm T _p >95% @ 3.7µm T _p >94% @ 5.0µm
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): 3000 - 5000
Damage Threshold, By Design: ☐ 0.64 kW/cm ² Blocking Direction >14 kW/cm ² Transmission Direction @ 3.3µm, 7ns, 25kHz, 150µm Spot Size
Width (mm): 12.50

Regulatory Compliance

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