

TECHSPEC® 300 x 300mm Linear Polarizer (XP42-100)



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1

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C\$259.00

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Extinction Ratio:
up to 9000:1 (nominal at 555nm)

Substrate: ☐
[Polymer Film XP42 on 0.5 mm PMMA](#)

Operating Temperature (°C):
-10 to +60

Dimensions (mm):
300.0 x300.0

Thickness (mm):
1.00

Thickness Tolerance (mm): ±0.25
Transmission (%) : Single: 42 ±2 Parallel: 36.4 Crossed: <0.004 (nominal at 555nm)
Type: Linear Polarizer
Dimensional Tolerance (mm): ±3.0
Construction: Polarizing Film on PMMA
Note: Polarization axis can be identified as follows: Circular Parts - Parallel to direction of notch on polarizer Square Parts - Parallel to mark on protective film Rectangular Parts - Parallel to first listed dimension
Wavelength Range (nm): 400 - 700
Polarization Efficiency (%) : >99.98 (nominal at 555nm)
Transmission Variance after 1000 Hours (%) : <±5
Operating Humidity: ≤80% (no condensation)
#Sorting: 74.00

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Compliant