

TECHSPEC® 200 x 200mm Linear Polarizer (XP42-100)



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

Substrate: ☐
Polymer Film XP42-100

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

Dimensions (mm):
200.0 x200.0

Thickness (mm):
1.02 ±0.25

Transmission (%) : Single: 42 ±2 Parallel: 36.4 Crossed: <0.004 (nominal at 555nm)
Type : Linear Polarizer
Dimensional Tolerance (mm) : ±2.0
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 : 73.00

Regulatory Compliance

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