

TECHSPEC®

50mm Dia. Linear Polarizing Film (XP42-18)



Stock #19-005 CLEARANCE 10 TO 12 DAYS

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1

+

₹2,088.00

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Qty 1-10
₹2,088.00
Qty 11+
₹1,827.00
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Diameter (mm):
50.00

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

Substrate: ☐
[Polymer Film XP42-18](#)

Operating Temperature (°C):
-40 to +80

Thickness (mm): 0.19 ±0.03
Transmission (%) : Single: 42 ±2 Parallel: 36.4 Crossed: <0.004 (nominal at 555nm)
Type: Linear Polarizer
Dimensional Tolerance (mm): +0.0/-0.5
Construction: Polarizing Film
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)
Heat Resistance (°C x Hours): 80 x 500
Cold Resistance (°C x Hours): -40 x 500
Humidity Resistance (°C x Hours): 60 x 90% RH x 500
Transmission Variance after 1000 Hours (%) : <±5
#Sorting: 8.00

Regulatory Compliance

RoHS 2015: Compliant
Certificate of Conformance: View
Reach 235: Contains SVHC(s)