

TECHSPEC®

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



Stock #19-005 CLEARANCE 3-5 DAYS

- 1 +

S\$26.93

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Qty 1+

S\$26.93

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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)