

TECHSPEC® 30mm, Aluminum & MgF₂ Coated, N-BK7 Right Angle Prism



N-BK7 Right Angle Prisms

Stock **#45-393** ☒ In Stock

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1

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£94.35

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Qty 1-5
£94.35
Qty 6+
£84.92
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Coating:
MgF₂ & Aluminized

Substrate: ☐
[N-BK7](#)

Surface Quality:
60-40

Type: Right Angle Prism
Dimensional Tolerance (mm): ±0.1
Angle Tolerance (arcmin): ±2
Bevel: Protective bevel as needed
Length of Hypotenuse (mm): 42.40
Length of Legs (mm): 30.00
Image Orientation: Left-Handed
Coating Specification: Hypotenuse: R _{avg} >85% @ 400 - 700nm Legs: R _{avg} ≤1.75% @ 400 - 700nm
Ray Deviation (°): 90
Wavelength Range (nm): 400 - 700
Damage Threshold, By Design: ☐ Hypotenuse: 0.3 J/cm ² @ 532nm & 1064nm, 10ns Legs: 10 J/cm ² @ 532nm, 10ns
Power (fringes) @ 632.8nm: 1.25
Irregularity (fringes) @ 632.8nm: 0.50

Regulatory Compliance

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