

TECHSPEC® 12.7mm Silver and NIR II Coated, Corner Cube Prism



N-BK7 Corner Cube Retroreflectors with Black Overpaint

Stock #12-489 10 TO 12 DAYS

1 ₹22,185.00

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₹22,185.00
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Beam Deviation (arcsec):
5

Coating:
S1 Silver with protective overcoat (black overpaint) &
S2 NIR II

Diameter (mm):
12.70 +0.0/-0.1

Substrate: ☐ N-BK7
Height (mm): 10.16
Surface Quality: 60-40
Type: Retroreflector
Bevel: Protective bevel as needed
Clear Aperture (%): 90
Height Tolerance (mm): ±0.25
Image Orientation: Left-Handed
Note: Black Overpaint is 30-60µm Thick
Coating Specification: Reflective Surfaces: $R_{abs} > 97\%$ FROM400 - 2500nm @ 0° AOI $R_{avg} > 98\%$ FROM400 - 2500nm @ 0° AOI Entrance: $R_{abs} \leq 1.5\%$ @ 750 - 800nm, $R_{abs} \leq 1.0\%$ @ 800 - 1550nm, $R_{avg} \leq 0.7\%$ @ 750 - 1550nm
Ray Deviation (°): 180
Wavelength Range (nm): 750 - 1550
Surface Flatness (P-V): $\lambda/8$
Damage Threshold, By Design: ☐ Entrance: 8 J/cm^2 @ 1064nm, 10ns Reflective Surfaces: 0.5 J/cm^2 @ 1064nm, 10ns

Regulatory Compliance

RoHS 2015: Compliant
Reach 219: Compliant
Certificate of Conformance: View