

TECHSPEC®

7.16mm Silver and NIR II Coated, Corner Cube Prism



N-BK7 Corner Cube Retroreflectors with Black Overpaint

Stock #12-488 3-4 DAYS



1



€205,00

ADD TO CART

Qty 1-5

€205,00

Qty 6+

€164,00

Volume Pricing

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⚠ Prices shown are exclusive of VAT/local taxes

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Beam Deviation (arcsec):

10

Coating:

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

Diameter (mm):

7.16 +0.0/-0.1
Substrate: N-BK7
Height (mm): 6.10
Surface Quality: 60-40
Type: Retroreflector
Bevel: Protective bevel as needed
Clear Aperture (%) 85
Height Tolerance (mm): ±0.5
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} ≤1.5% @ 750 - 800nm, R_{abs} ≤1.0% @ 800 - 1550nm, R_{avg} ≤0.7% @ 750 - 1550nm
Ray Deviation (°): 180
Wavelength Range (nm): 750 - 1550
Surface Flatness (P-V): λ/8
Damage Threshold, By Design: Entrance: 8 J/cm² @ 1064nm, 10ns Reflective Surfaces: 0.5 J/cm² @ 1064nm, 10ns

Regulatory Compliance

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