

TECHSPEC® 12.5 x 17.68 x 3mm NIR, Elliptical Plate Beamsplitter



Elliptical Plate Beamsplitters

Stock **#47-167** CLEARANCE ☐ In Stock

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C\$48.93

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Clear Aperture (%):
>85

Coating:
NIR

Coating Specification:
Surface 1: 50R/50T (R_{abs} ±5% @ 900nm, R_{avg} ±10% @ 700 - 1100nm)
Surface 2: R_{avg} ≤1.0%, R_{avg} ≤2.0% @ 700 - 1100nm

Construction:
Plate

Edges: Cut with 0.25mm Maximum Edge Chip
Major Axis (mm): 18.68 +0.0/-0.40 (physical length)
Minor Axis (mm): 12.50 +0.0/-0.10
Parallelism (arcmin): <1
Reflection/Transmission Ratio (R/T): 50/50
Substrate:  N-BK7
Surface Flatness (P-V): <2λ (per inch)
Surface Quality: 60-40
Thickness (mm): 3.00
Thickness Tolerance (mm): ±0.25
Type: Standard Beamsplitter
Wavelength Range (nm): 700 - 1100

Regulatory Compliance

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