

TECHSPEC[®] Unmounted Protected Gold Hollow Retroreflector



TECHSPEC® Unmounted Hollow Roof Retroreflectors

Stock **#17-547** [CONTACT US](#)

-

1

+

€445⁰⁰

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Qty 1+	€445,00 each
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Product Downloads

General

Type:

Retroreflector

Physical & Mechanical Properties

Clear Aperture (%):

90

Length of Legs (mm):

12.50 and 17.70

Accuracy (°):

90 ±10 arcsec

Optical Properties

Protected Gold

Coating:

Fused Silica

Substrate: □

20-10

Surface Quality:

Coating Specification:

Ravg >96% @ 700 - 2000nm

Ravg >96% @2000 - 10,000nm

180

Ray Deviation (°):

700 - 10000

Wavelength Range (nm):

Regulatory Compliance

View

Certificate of Conformance:

Product Details

- Ideal for Redirecting Light in One Axis
- Hollow Design Mnimizes Dispersion
- Replaces Solid Roof or Porro Prisms in Optical Assemblies

TECHSPEC® Unmounted Hollow Roof Retroreflectors are constructed by cementing two coated prisms together to form a hollow roof. The hollow design enables these retroreflectors to be used over wide spectral ranges without loss due to dispersion or absorption. Incident light is reflected 180° back towards the source with great accuracy due to the 90° ± 10 arcsec roof tolerance. TECHSPEC Unmounted Hollow Roof Retroreflectors feature a 17.7 x 17.7mm footprint and can be mounted with [#17-242](#) and [#18-537](#). These retroreflectors are ideal for applications such as interferometry and optical delay lines.