

TECHSPEC[®] Unmounted Protected Gold Hollow Retroreflector



TECHSPEC® Unmounted Hollow Roof Retroreflectors

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

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1

+

C\$623⁰⁰

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General	
Retroreflector	Type:
Physical & Mechanical Properties	
90	Clear Aperture (%):
12.50 and 17.70	Length of Legs (mm):
90 ±10 arcsec	Accuracy (°):

Optical Properties	
Protected Gold	Coating:
Fused Silica	Substrate: ☐
20-10	Surface Quality:
R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Coating Specification:
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.