

1.8 inches Edge Length, Trihedral Corner Reflector, Gray



PEWRL0180

Features

- 1.8" Edge Length
- Compact Size
- High RCS
- Rugged Configuration
- Painted Finish
- 10 to 100 GHz
- Tripod Mountable

Applications

- Radars
- Radar System Calibration
- Surveillance Equipment
- Radar Target Simulator
- Radar System Evaluation
- Test Chamber
- Communication Systems

Description

The Pasternack PEWRL0180 is a precision trihedral corner reflector tailored for stringent applications within antennas and radar systems. With a compact edge length of 1.8 inches, this reflector is meticulously engineered with a trihedral geometry to ensure optimal signal reflection and minimal signal loss. The trihedral corner reflector antenna simulates radar target precisely and is widely used for radar system calibration. Made from aluminum and coated with a robust gray powder coat finish, this corner reflector provides a professional appearance while protecting against environmental elements.

Internally, the reflector features a gold chemical film finish, to enhance conductivity and elevate overall performance. Adhering to rigorous industry standards, the 1.8 inches Edge Length PEWRL0180 from Pasternack guarantees reliability and exceptional signal reflectivity. These come standard with a 1/4-20 UNC threaded hole facilitates straightforward and secure mounting to a tripod, enabling versatile deployment across various testing and measurement scenarios. Whether utilized in research, development, or field applications, Pasternack's PEWRL0180 exemplifies precision engineering. Our trihedral corner reflectors are part of over 40,000 RF, microwave, and millimeter wave components from Pasternack available worldwide and ship same day.

Product Configuration

Design	Trihedral Corner Reflector
Body Material	Aluminum
Color	Gray
Reflector Surface	Gold chem film

Mechanical Specifications

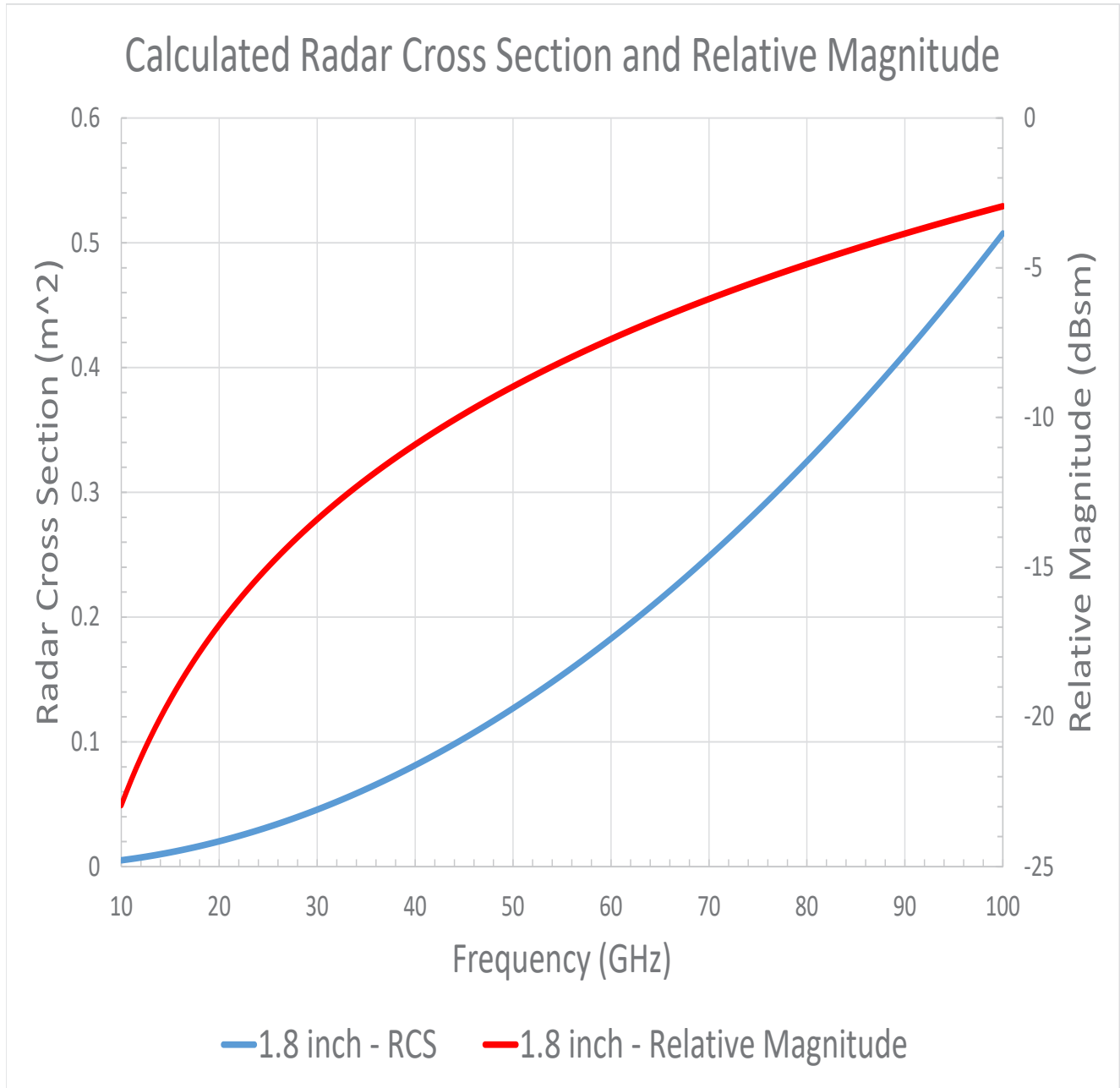
Size	
Edge Length	1.8 in [45.72 mm]
Length	1.811 in [46 mm]
Width	0.871 in [22.12 mm]
Height	1.799 in [45.69 mm]
Weight	0.055 lbs [24.95 g]

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Plotted and Other Data



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1.8 inches Edge Length, Trihedral Corner Reflector, Gray from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.8 inches Edge Length, Trihedral Corner Reflector, Gray PEWRL0180](https://www.pasternack.com/1.8-inches-edge-length-trihedral-corner-reflector-pewrl0180-p.aspx)

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PEWRL0180 CAD Drawing

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