

TCR-18 Radar Trihedral Corner Reflector 0.709inch(18mm) Edge Size

Radar Trihedral Corner Reflector with 0.709inch(18mm) Edge Size



### Product Information

SKU	TCR-18
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### Description

Radar trihedral corner reflector TCR-18, with 0.709inch(18mm) edge size. The Radar Trihedral Corner Reflectors, with rugged aluminum constructions and plated with gold, are used to reflect radio waves towards the emission source passively and are highly tolerant to misalignment. The Radar Trihedral Corner Reflectors are specially designed for retro-reflection, have high smoothness in the reflection cavity, and are ideally suited for RCS measurement and other applications.

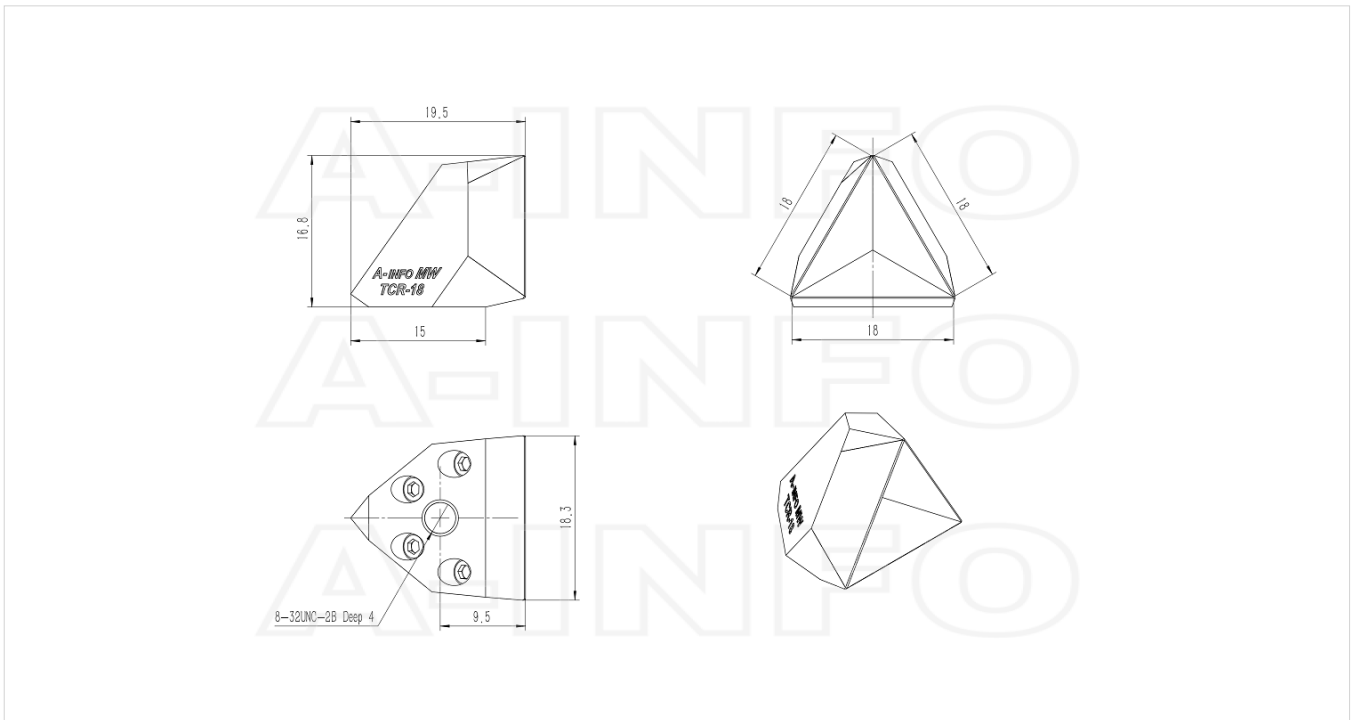
### Technical Specification

Electrical Specification		Mechanical Specification	
Edge Length (mm)	18	Body Material	Al
Edge Length (inch)	0.709	Size, H (mm)	16
Mechanical Specification		Size, L (mm)	18
Size, W (mm)	15	Weight, (kg)	0.01

### Additional Information

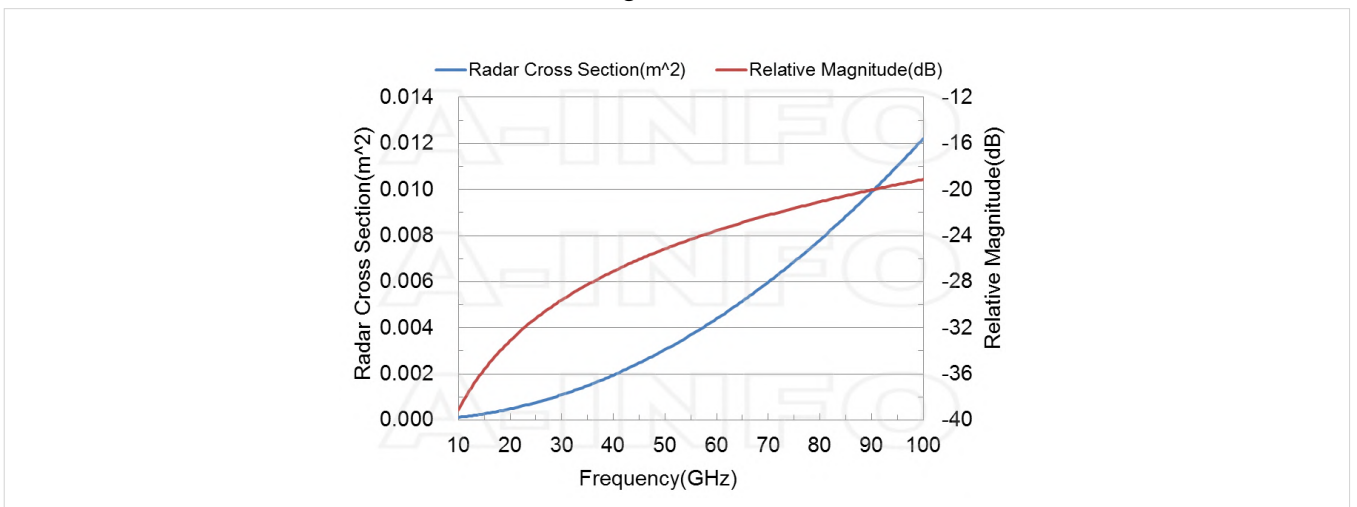
Application	General Purpose Indoor & Outdoor, Fixed	Solution for	RCS Measurement
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## Outline Drawing



## Typical Test Results

### Calculated Radar Cross Section and Relative Magnitude



## Similar Products



TCR-109.2 Radar Trihedral Corner Reflector 4.3inch(109.2mm) Edge Size



TCR-203.2 Radar Trihedral Corner Reflector 8.0inch(203.2mm) Edge Size



TCR-35.56 Radar Trihedral Corner Reflector 1.4 inch(35.56mm) Edge Size



TCR-45.72 Radar Trihedral Corner Reflector 1.8inch(45.72mm) Edge Size



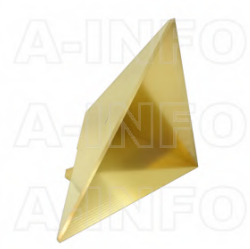
TCR-152.4 Radar Trihedral Corner Reflector 6.0inch(152.4mm) Edge Size



TCR-60.96 Radar Trihedral Corner Reflector 2.4inch(60.96mm) Edge Size



TCR-342.9 Radar Trihedral Corner Reflector 13.5inch(342.9mm) Edge Size



TCR-609.6 Radar Trihedral Corner Reflector 24inch(609.6mm) Edge Size

## About this Datasheet

<ul style="list-style-type: none"> <li>● <b>Product Information</b> Product Link: <a href="https://www.ainfoinc.com/tcr-18-radar-trihedral-corner-reflector-0-709inch-18mm-edge-size">https://www.ainfoinc.com/tcr-18-radar-trihedral-corner-reflector-0-709inch-18mm-edge-size</a> Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Contact Us</b> Address: 60 Tesla, Irvine, CA 92618, USA  Website: <a href="http://www.ainfoinc.com">www.ainfoinc.com</a>  Email: <a href="mailto:sales@ainfoinc.com">sales@ainfoinc.com</a></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Phone &amp; Fax</b> Phone: +1-949-639-9688 +1-949-639-9608  Fax: +1-949-639-9670</li> </ul>
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