







## Pyramidal Horn Antenna

Standard gain horn antenna with the possibility of two different surface finishes, Alodine 2040 or gold plated. H-A75-W standard gain horn antenna is made with precision and care with the latest technology to deliver accurate and reliable antenna measurements. The operating frequency is from 50 GHz up to 75 GHz with a flat Gain of 20 dBi. The H-A75-W can be supplemented with a corresponding Waveguide to Coax Adapter here. Compliant with NRL-4433 standard.

### Features and Specifications

 <p><b>Technical Performance</b></p> <p>Low return loss</p>	 <p><b>Design and Surface Treatment</b></p> <p>Corrosion-resistant coating Gold plated coating</p>	 <p><b>Manufacturing Technology</b></p> <p>Manufactured using a high grade aluminum alloy Extremely durable</p>	 <p><b>Product Packaging Includes</b></p> <p>Standard gain horn antenna</p>
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### Product Parameters

PRODUCT IDENTIFICATION		PHYSICAL SPECIFICATIONS	
Product Name	<b>H-A75-W</b>	Width	<b>24.8 mm (0.976 in)</b>
Product Category	<b>Pyramidal Horn Antenna</b>	Height	<b>18.8 mm (0.740 in)</b>
ELECTRICAL SPECIFICATIONS		Depth	<b>31.8 mm (1.252 in)</b>
Frequency Range	<b>50 GHz – 75 GHz</b>	Weight	<b>0.030 kg (0.066 lb)</b>
VSWR (max.)	<b>1.15</b>	OPERATING CONDITIONS	
VSWR (avg.)	<b>1.1</b>	Rated Temperature Range	<b>0°C – +50°C</b>
Waveguide Size	<b>WR15</b>	Storage Temperature Range	<b>-20°C – +70°C</b>
Waveguide Flange	<b>UG-385/U</b>		
Polarization	<b>Linear</b>		

### Packaging and Accessories

<p><b>What's in a box</b></p> <ul style="list-style-type: none"> <li>H-A75-W Antenna</li> </ul> <p><b>Accessories</b></p> <ul style="list-style-type: none"> <li>Standard mounting flange</li> </ul>	<p><b>Optional Accessories</b></p> <ul style="list-style-type: none"> <li><a href="#">AWC15F Waveguide to Coax Adapter</a></li> </ul> <p><b>Custom services</b></p> <ul style="list-style-type: none"> <li>Custom mounting solutions</li> <li>Custom calibration data</li> </ul>
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### Manufacturer Information

<p><b>About Datasheet</b></p> <p>Product information available also online at <a href="https://www.rfspin.com/product/h-a75-w/">https://www.rfspin.com/product/h-a75-w/</a> <i>Data and specifications subject to change without notice.</i> <i>Datasheet revision 07-2021.</i> © RFspin 2021</p>	<p><b>Address</b></p> <p>RFspin s.r.o. Na Beránce 57/2 160 00 Prague 6 Czech Republic</p>	<p><b>E-mail</b></p> <p><a href="mailto:info@rfspin.com">info@rfspin.com</a></p> <p><b>Phone</b></p> <p>+420 245 008 847</p>
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