







Pyramidal Horn Antenna

Pyramidal horn antenna with the surface finish from Alodine 2040. H-A18-W15 pyramidal horn antenna is made with precision and care with the latest technology to deliver accurate and reliable antenna measurements. The operating frequency is from 12.4 GHz up to 18 GHz with a flat Gain of 15 dBi. The H-A90-W can be supplemented with a corresponding Waveguide to Coax Adapter.

Features and Specifications

 <p>Technical Performance</p> <ul style="list-style-type: none"> Wide bandwidth Low return loss 	 <p>Design and Surface Treatment</p> <ul style="list-style-type: none"> Corrosion-resistant coating 	 <p>Manufacturing Technology</p> <ul style="list-style-type: none"> Manufactured using a high grade aluminum alloy Extremely durable 	 <p>Product Packaging Includes</p> <ul style="list-style-type: none"> Antenna
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Product Parameters

<p>PRODUCT IDENTIFICATION</p> <table border="1"> <tr> <td>Product Name</td> <td>H-A18-W15</td> </tr> <tr> <td>Product Category</td> <td>Pyramidal Horn Antenna</td> </tr> </table> <p>ELECTRICAL SPECIFICATIONS</p> <table border="1"> <tr> <td>Frequency Range</td> <td>12.4 GHz – 18 GHz</td> </tr> <tr> <td>VSWR (max.)</td> <td>1.15</td> </tr> <tr> <td>VSWR (avg.)</td> <td>1.1</td> </tr> <tr> <td>Waveguide Size</td> <td>WR62</td> </tr> <tr> <td>Waveguide Flange</td> <td>UG-1665/U</td> </tr> <tr> <td>Polarization</td> <td>Linear</td> </tr> </table>	Product Name	H-A18-W15	Product Category	Pyramidal Horn Antenna	Frequency Range	12.4 GHz – 18 GHz	VSWR (max.)	1.15	VSWR (avg.)	1.1	Waveguide Size	WR62	Waveguide Flange	UG-1665/U	Polarization	Linear	<p>PHYSICAL SPECIFICATIONS</p> <table border="1"> <tr> <td>Width</td> <td>47.7 mm (1.878 in)</td> </tr> <tr> <td>Height</td> <td>46.6 mm (1.835 in)</td> </tr> <tr> <td>Depth</td> <td>37.7 mm (1.484 in)</td> </tr> <tr> <td>Weight</td> <td>0.038 kg (0.084 lb)</td> </tr> </table> <p>OPERATING CONDITIONS</p> <table border="1"> <tr> <td>Rated Temperature Range</td> <td>0°C – +50°C</td> </tr> <tr> <td>Storage Temperature Range</td> <td>-20°C – +70°C</td> </tr> </table>	Width	47.7 mm (1.878 in)	Height	46.6 mm (1.835 in)	Depth	37.7 mm (1.484 in)	Weight	0.038 kg (0.084 lb)	Rated Temperature Range	0°C – +50°C	Storage Temperature Range	-20°C – +70°C
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Packaging and Accessories

What's in a box

- H-A18-W15 Antenna

Accessories

- Standard mounting flange

Manufacturer Information

<p>About Datasheet</p> <p>Product information available also online at https://www.rfspin.com/product/h-a18-w15/</p> <p><i>Data and specifications subject to change without notice.</i></p> <p><i>Datasheet revision 07-2021.</i></p> <p>© RFspin 2021</p>	<p>Address</p> <p>RFspin s.r.o. Na Beránce 57/2 160 00 Prague 6 Czech Republic</p>	<p>E-mail</p> <p>info@rfspin.com</p> <p>Phone</p> <p>+420 245 008 847</p>
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