



Double Ridged Horn Antenna

The addition of a spirit level is a matter of course, thanks to which your measurement in both planes will be very accurate and fun.

Features and Specifications

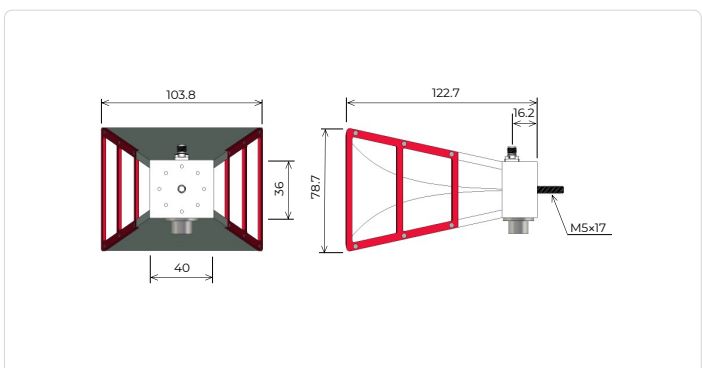
<p>Technical Performance</p> <ul style="list-style-type: none"> Wide bandwidth Low return loss Individual calibration 	<p>Design and Surface Treatment</p> <ul style="list-style-type: none"> Corrosion-resistant coating Includes standard mount Very precise spirit level 	<p>Manufacturing Technology</p> <ul style="list-style-type: none"> Manufactured using a high grade aluminum alloy Extremely durable High quality SMA type coaxial connector 	<p>Product Packaging Includes</p> <ul style="list-style-type: none"> Adapter with ¼ inch inner thread, supplied with antenna Linear polarized double ridged broadband horn antenna
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Product Parameters

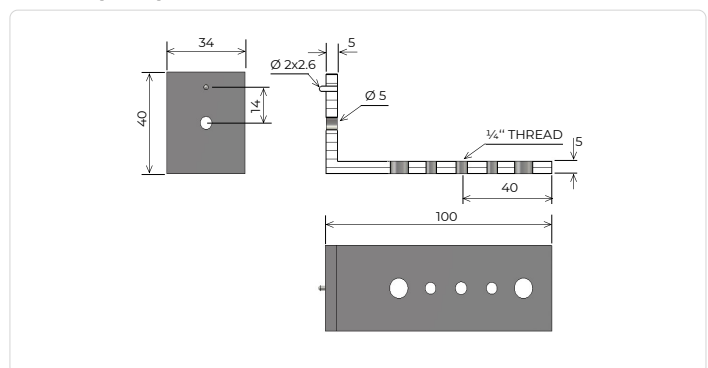
<p>PRODUCT IDENTIFICATION</p> <table border="1"> <tr> <td>Product Name</td> <td>DRH20E</td> </tr> <tr> <td>Product Category</td> <td>Double Ridged Horn Antenna</td> </tr> </table>		Product Name	DRH20E	Product Category	Double Ridged Horn Antenna	<p>PHYSICAL SPECIFICATIONS</p> <table border="1"> <tr> <td>Width</td> <td>103.8 mm (4.087 in)</td> </tr> <tr> <td>Height</td> <td>122.7 mm (4.831 in)</td> </tr> <tr> <td>Depth</td> <td>78.7 mm (3.098 in)</td> </tr> <tr> <td>Weight</td> <td>0.32 kg (0.705 lb)</td> </tr> </table>		Width	103.8 mm (4.087 in)	Height	122.7 mm (4.831 in)	Depth	78.7 mm (3.098 in)	Weight	0.32 kg (0.705 lb)										
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Mechanical Drawings

Antenna



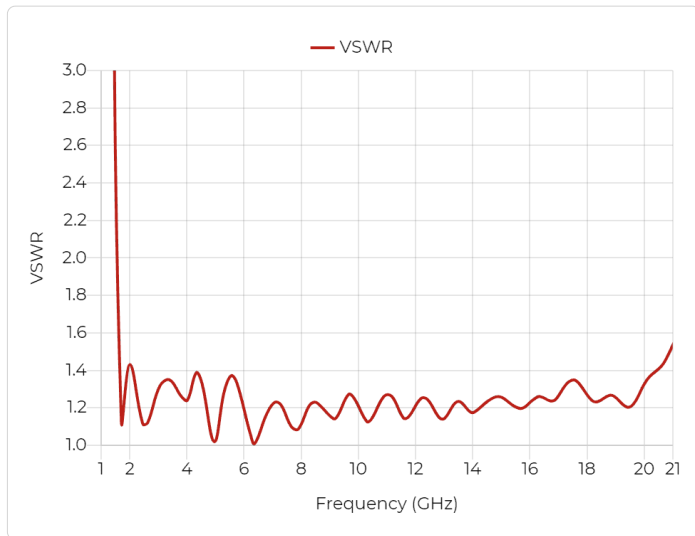
Mounting flange



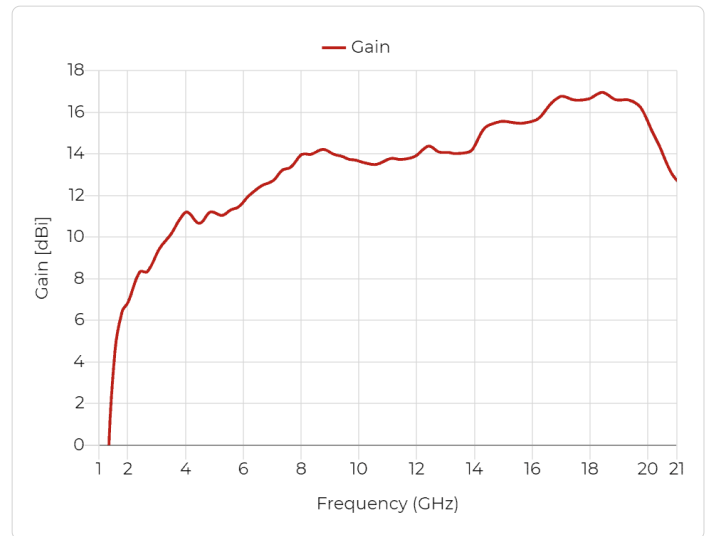
Parameters and Performance

Typical parameters

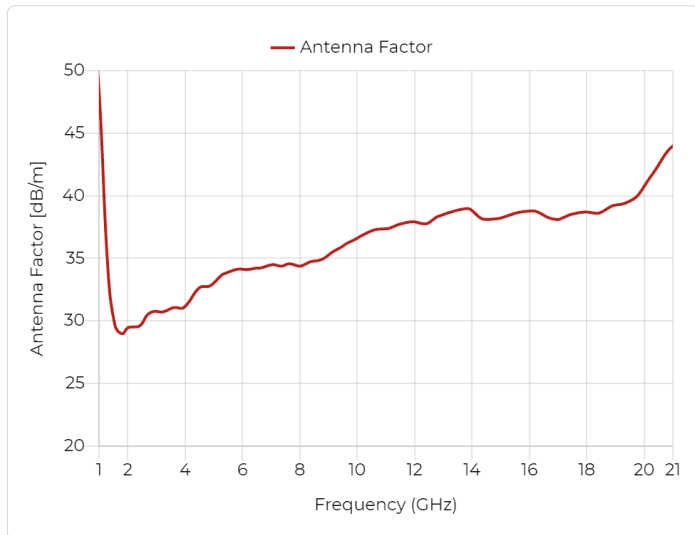
VSWR



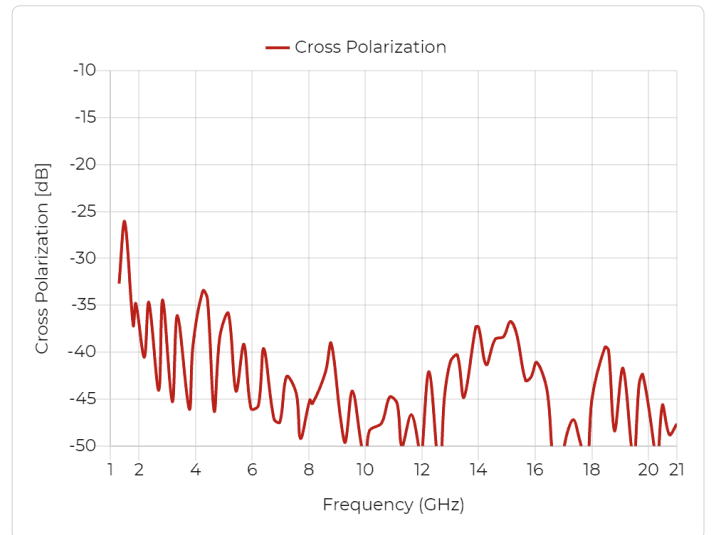
Gain



Antenna Factor

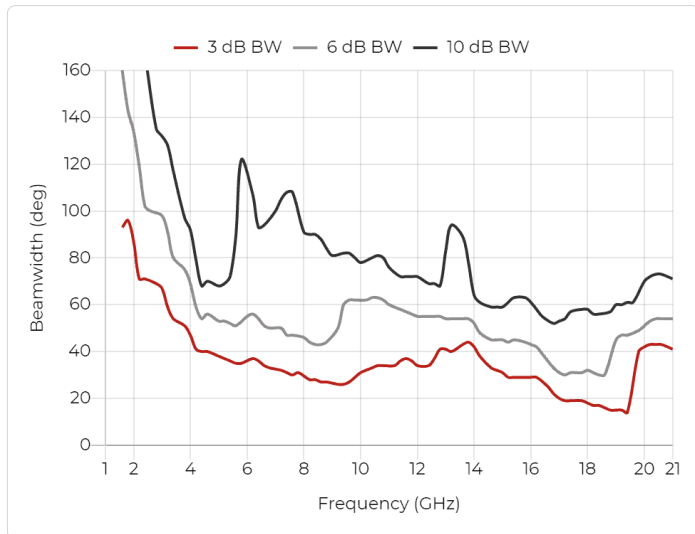


Cross Polarization

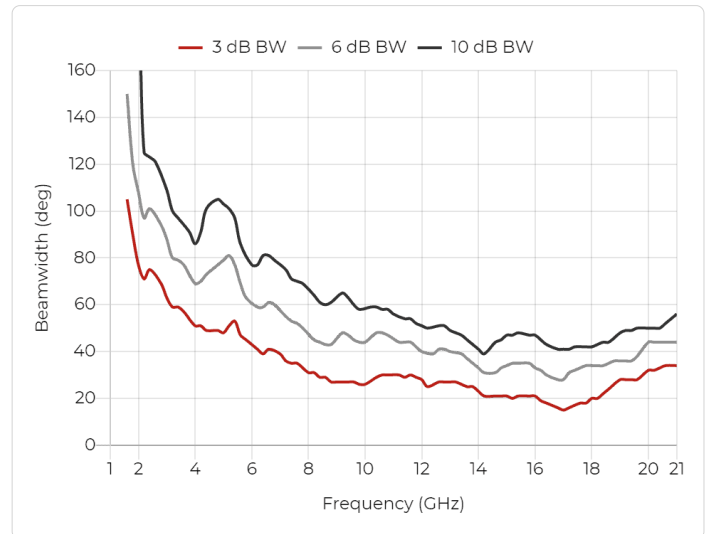


Beamwidth

Port A, E plane

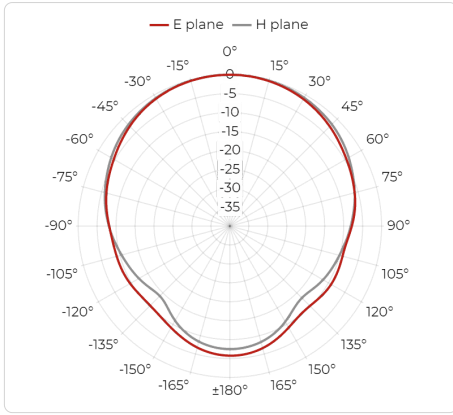


Port A, H plane

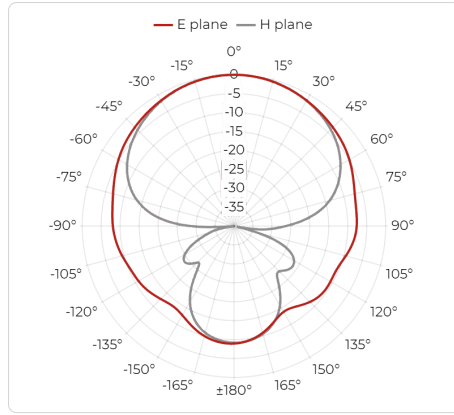


Radiation Patterns

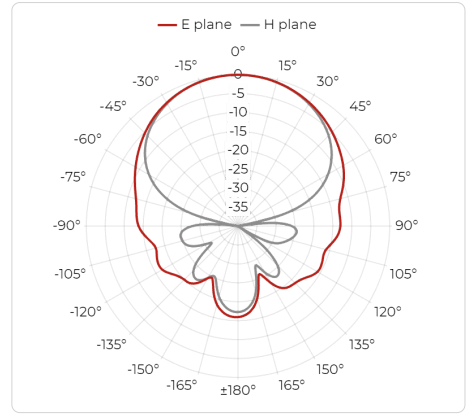
1.6 GHz



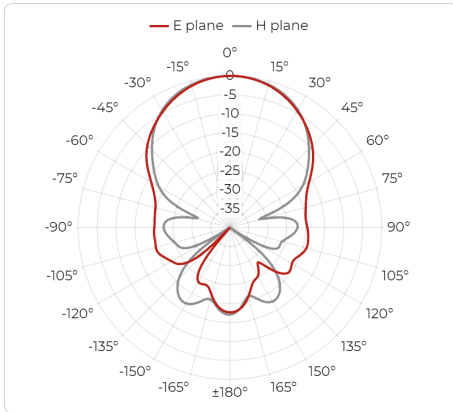
2 GHz



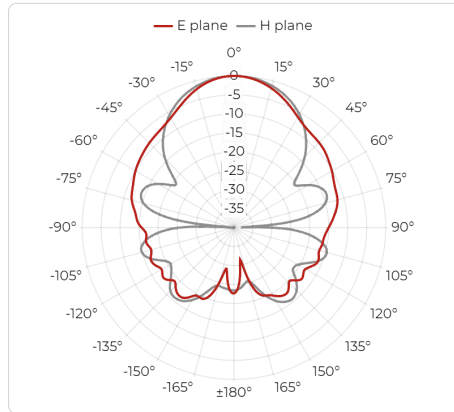
3 GHz



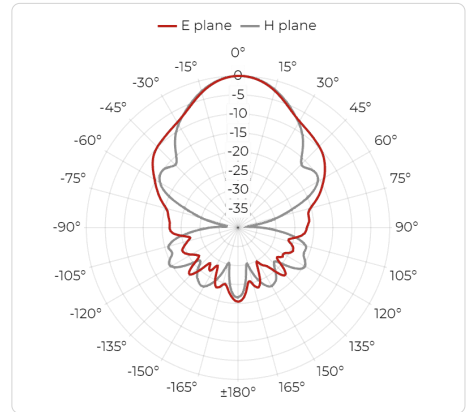
4 GHz



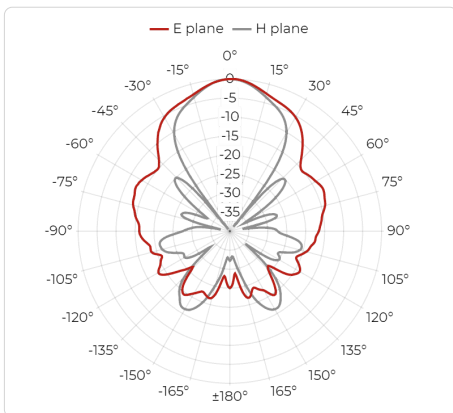
6 GHz



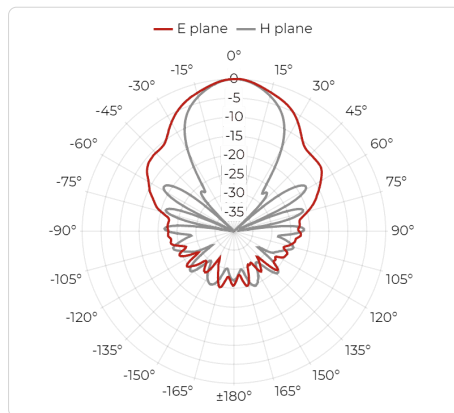
8 GHz



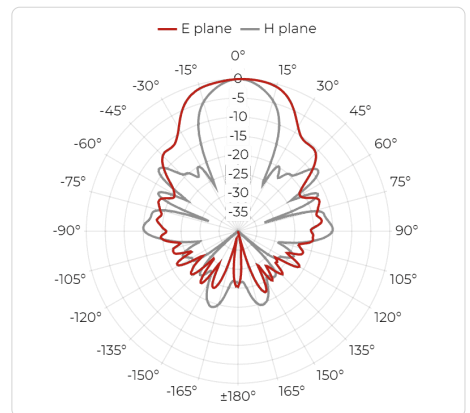
10 GHz



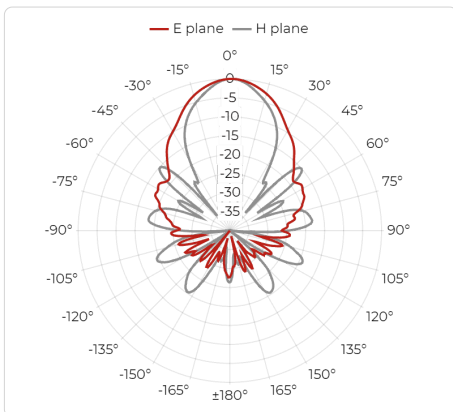
12 GHz



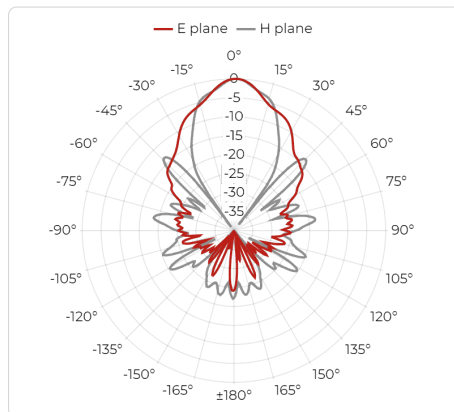
14 GHz



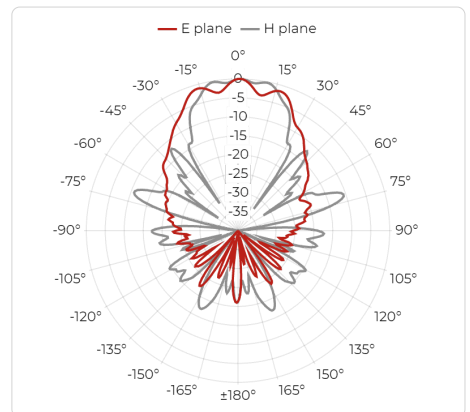
16 GHz



18 GHz



20 GHz



Packaging and Accessories

What's in a box

- DRH20E Antenna
- Antenna specific mount adapter with ¼ inch inner thread

Accessories

- Standard mounting flange

Optional Accessories

- [AHS22-HI Antenna Fixture](#)
- [PAS02 Antenna Stand](#)
- [PAS2022 Antenna Stand](#)

Custom services

- Custom mounting solutions
- Custom calibration data

Manufacturer Information

About Datasheet

Product information available also online at
<https://www.rfspin.com/product/drh20e/>

Data and specifications subject to change without notice.

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