







Double Ridged Horn Antenna

Specially developed for EMC/EMI testing. This antenna operates from 1GHz up to 18 GHz. Thanks to radome this antenna is suitable for outside applications. It is equipped with the standard L-shape holder, hermetically sealing, and a Gore air vent.

Features and Specifications

 <p>Technical Performance</p> <ul style="list-style-type: none"> Wide bandwidth Low return loss Individual calibration Suitable for EMC/EMI applications 	 <p>Design and Surface Treatment</p> <ul style="list-style-type: none"> Includes standard mount 	 <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"> Antenna Adapter with ¼ inch inner thread, supplied with antenna
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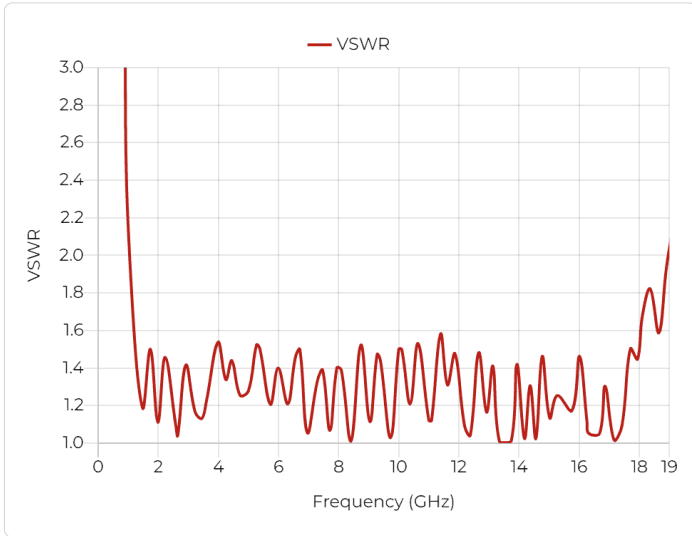
Product Parameters

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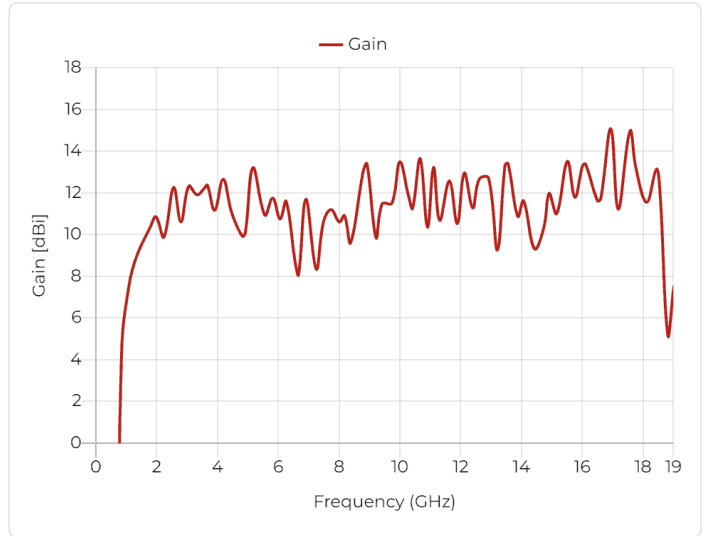
Parameters and Performance

Typical parameters

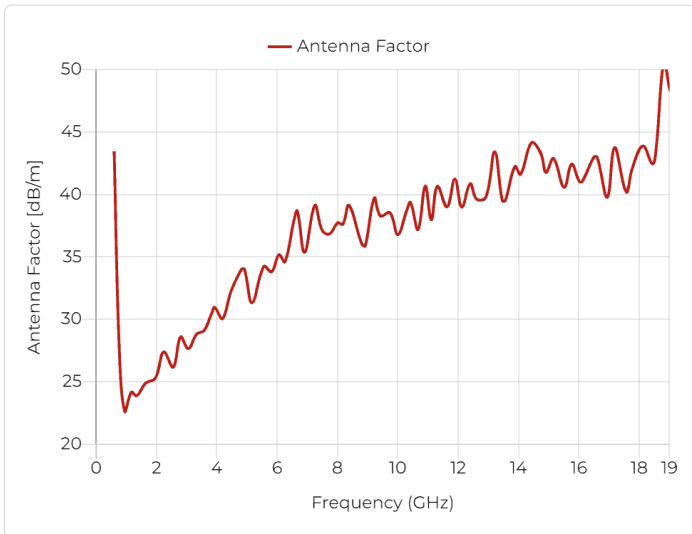
VSWR



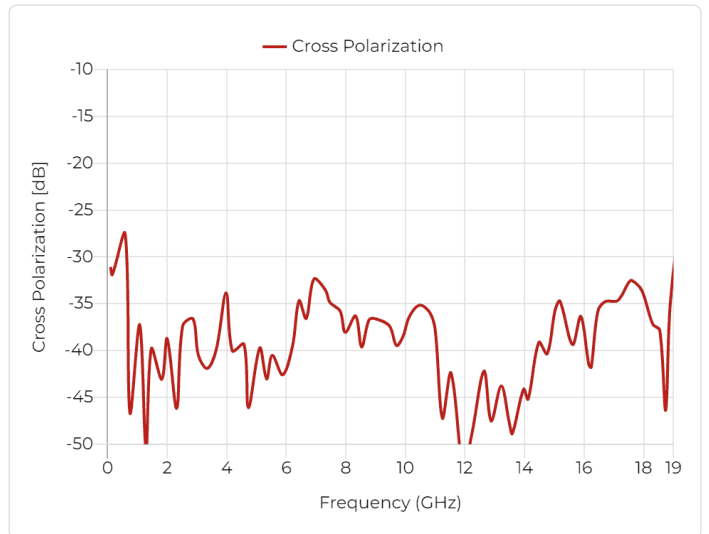
Gain



Antenna Factor

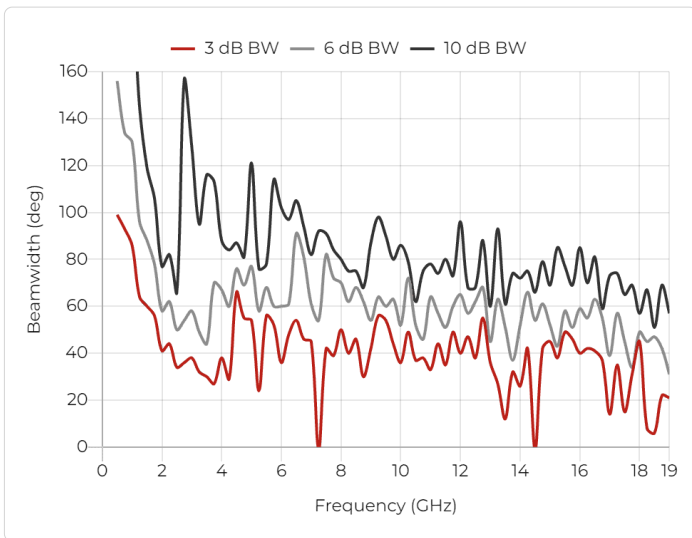


Cross Polarization

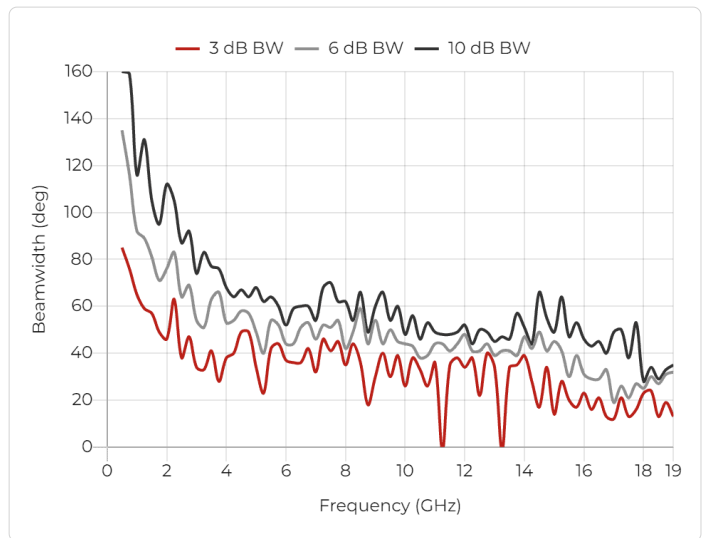


Beamwidth

Port A, E plane

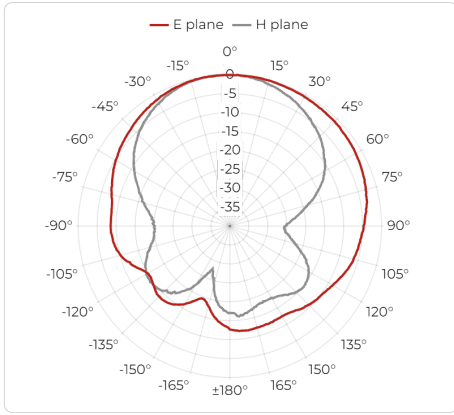


Port A, H plane

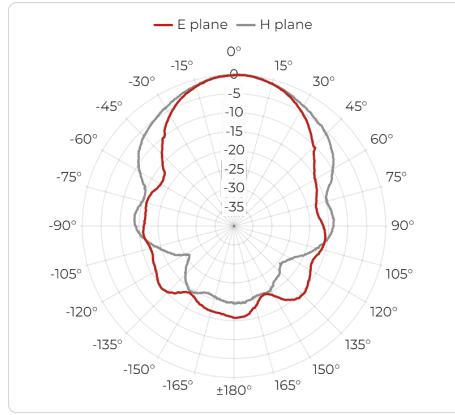


Radiation Patterns

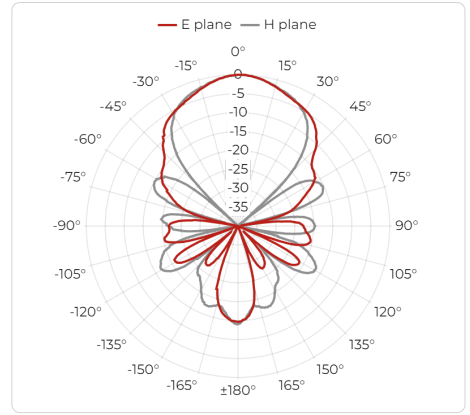
1 GHz



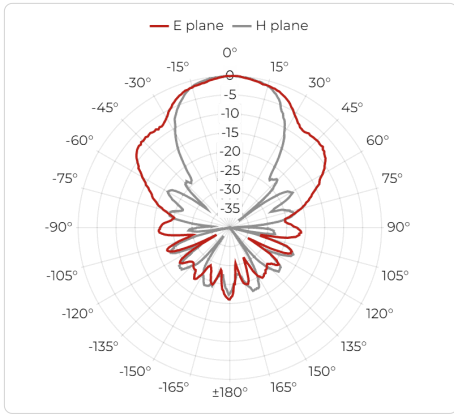
2 GHz



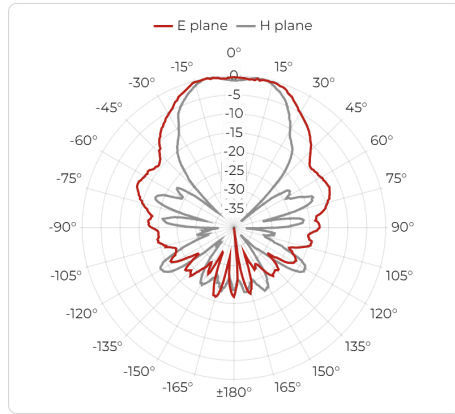
4 GHz



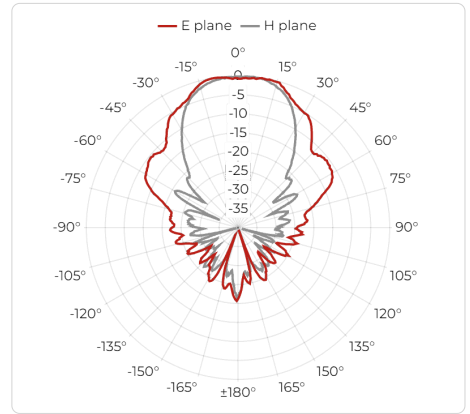
6 GHz



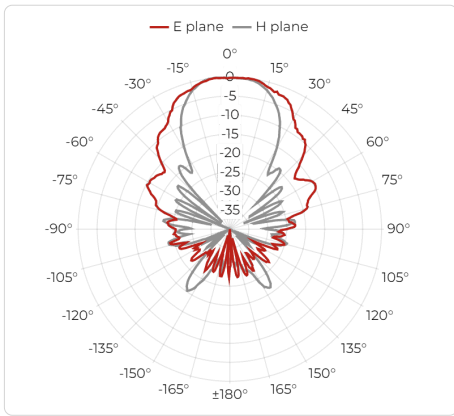
7 GHz



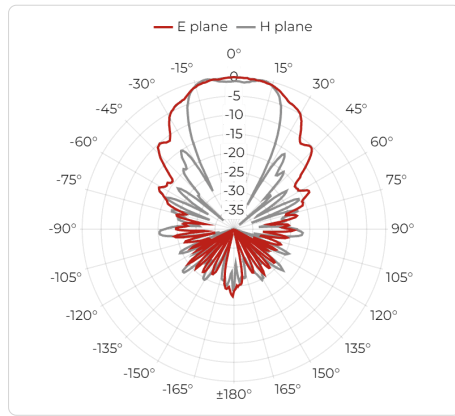
8 GHz



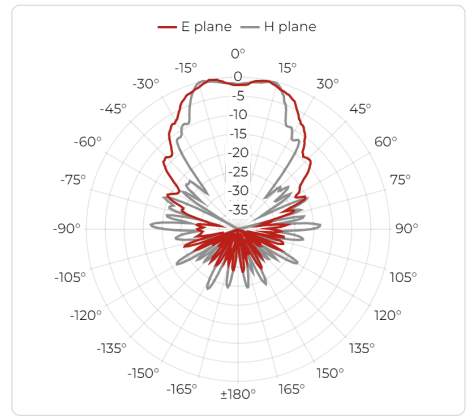
10 GHz



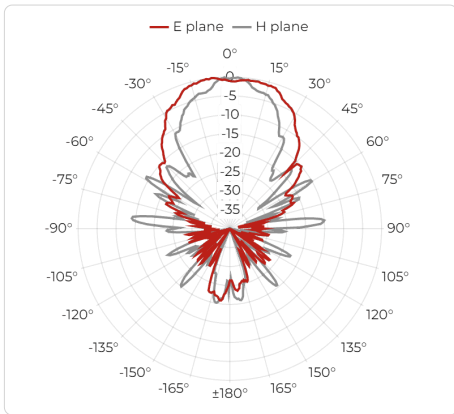
12 GHz



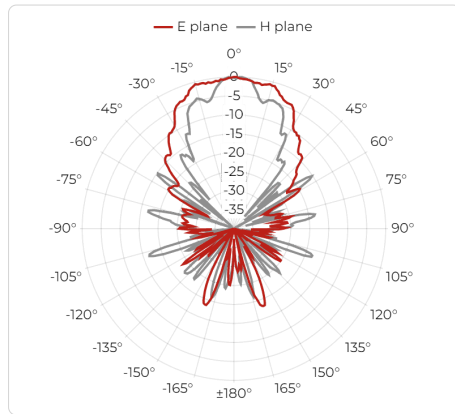
14 GHz



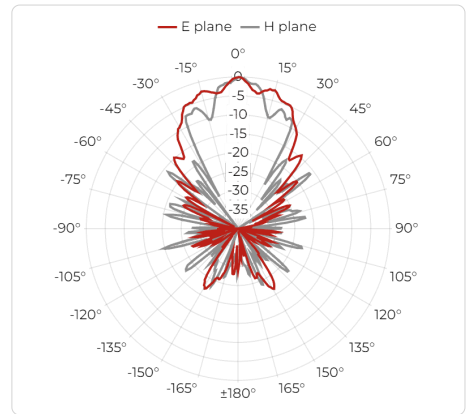
16 GHz



17 GHz



18 GHz



Packaging and Accessories

What's in a box

- DRH18-ER Antenna
- Antenna specific mount adapter with ¼ inch inner thread
- Factory calibration certificate
- Full calibration report of each antenna
- QR code accessing online portal
- Calibration test dataset (available online)



Factory calibration report

Optional Accessories

- AHS22-HI Antenna Fixture
- PAS02 Antenna Stand

Custom services

- Custom mounting solutions
- Custom calibration data
- Radome waterproof enclosure

Accessories

- Standard mounting flange

Manufacturer Information

About Datasheet

Product information available also online at
<https://www.rfspin.com/product/drh18-er/>

Data and specifications subject to change without notice.

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