

Double Ridged Horn Outdoor Antenna

Model DRH18-ER



Electrical Specifications

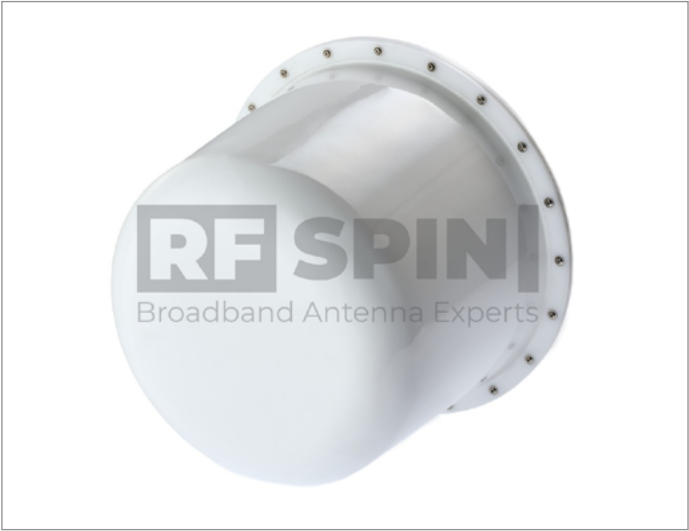
Frequency Range	1 GHz – 18 GHz
VSWR (max.)	2.2
VSWR (avg.)	1.3
Impedance	50 Ω
Power (CW/Peak)	100 W / 170 W
Antenna Factor	23 – 44 dB/m
Polarization	Linear
Connector	SMA (female)

Physical Specifications

Width	360 mm (14.173 in)
Height	293 mm (11.535 in)
Depth	360 mm (14.173 in)
Weight	2.7 kg (5.952 lb)

Operating Conditions

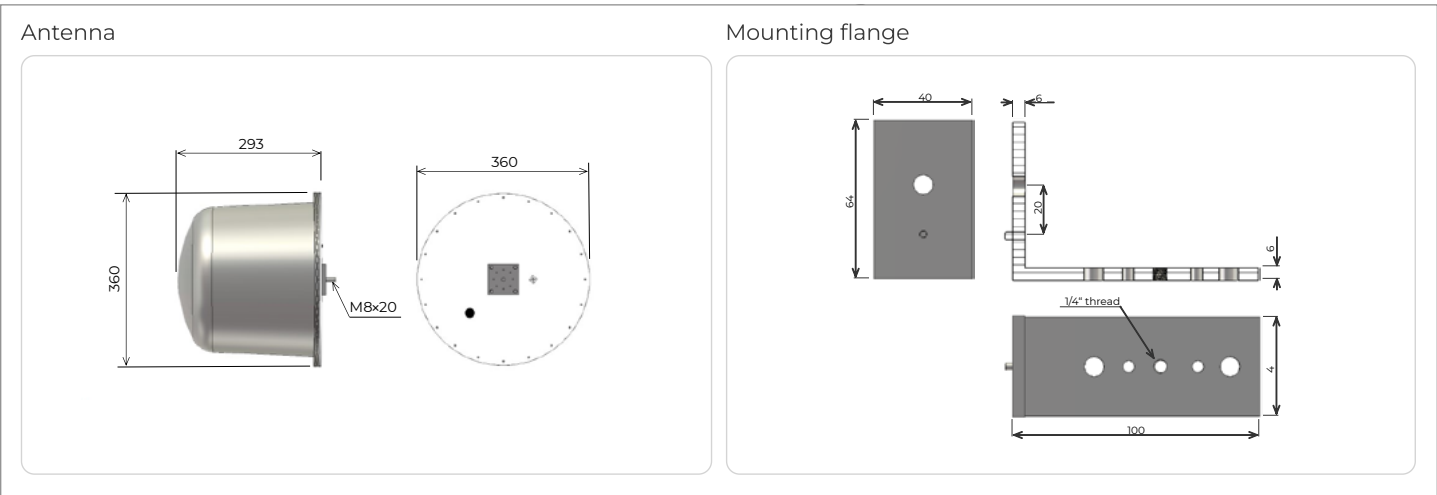
Rated Temperature Range	-10°C – +50°C
Storage Temperature Range	-20 °C – +70 °C



Mounting Flange

Mounting	Adapter with 1/4 inch inner thread, supplied with antenna
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Mechanical Drawings



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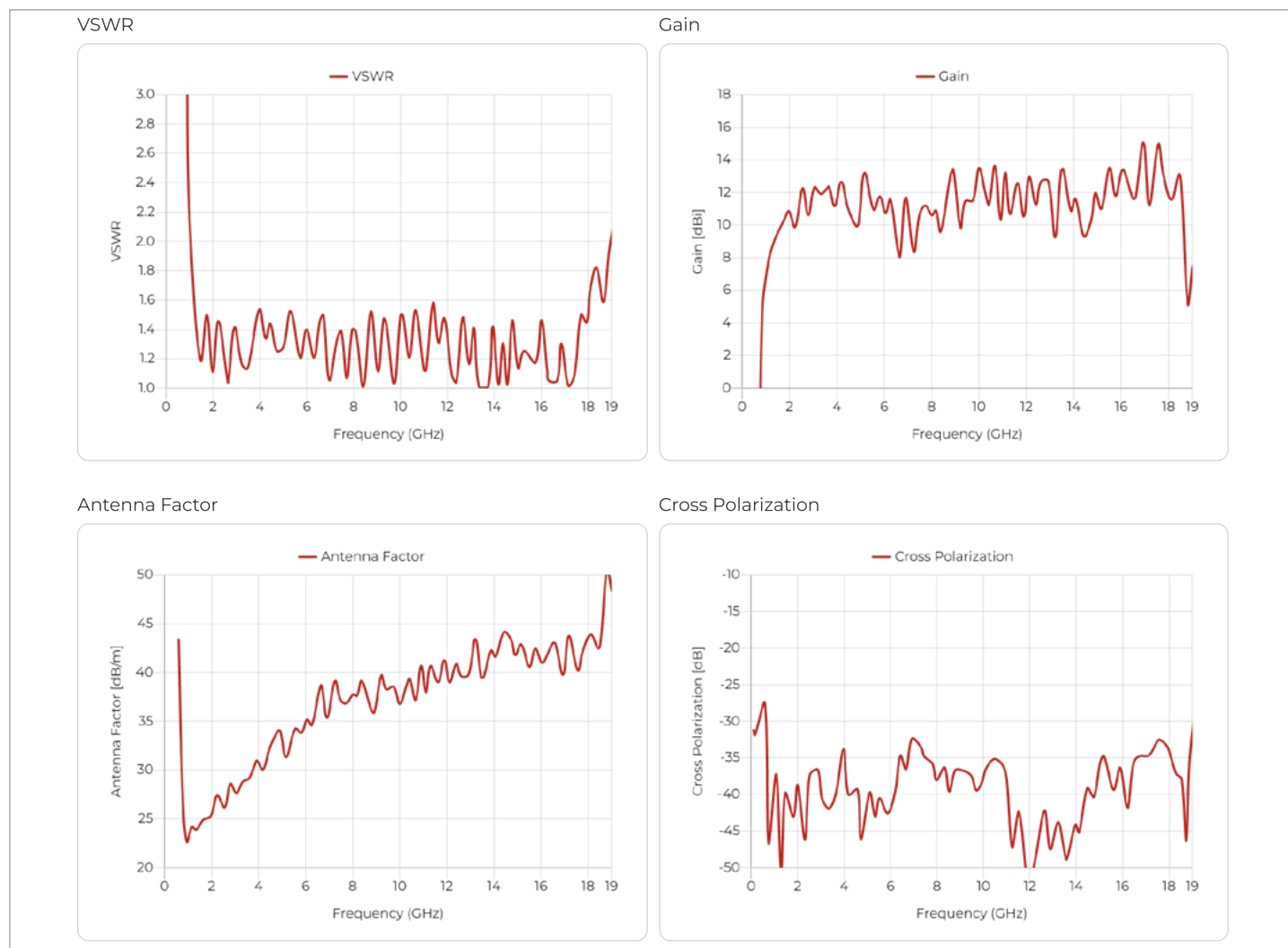
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Double Ridged Horn Outdoor Antenna Model QRH18-ER



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Typical Parameters



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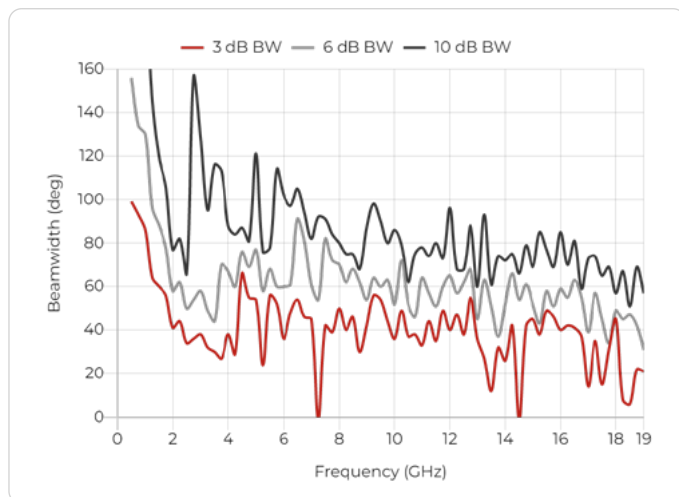
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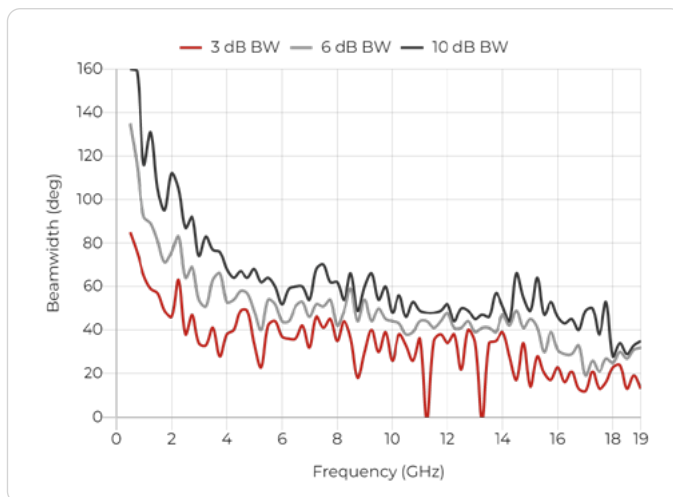
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Beamwidth

Port A, E plane



Port A, H plane



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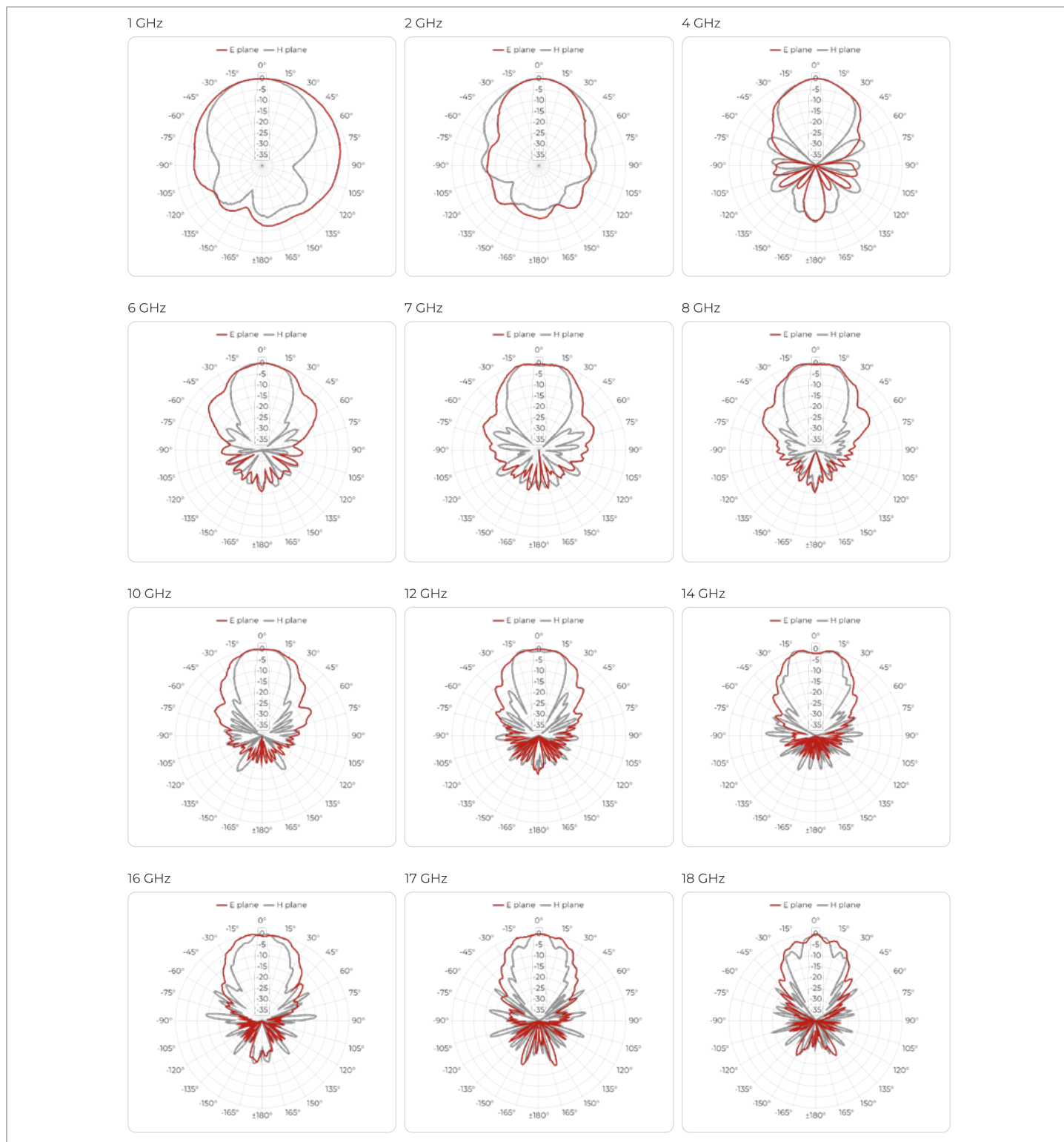
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Radiation Patterns



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