

Quad Ridged Horn Outdoor Antenna Model QRH18R

Electrical Specifications

Frequency Range	1 GHz – 18 GHz
VSWR (max.)	3.5
VSWR (avg.)	1.8
Impedance	50 Ω
Power (CW/Peak)	100 W / 170 W
Antenna Factor	23 – 43 dB/m
Port Isolation	-25 dB
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

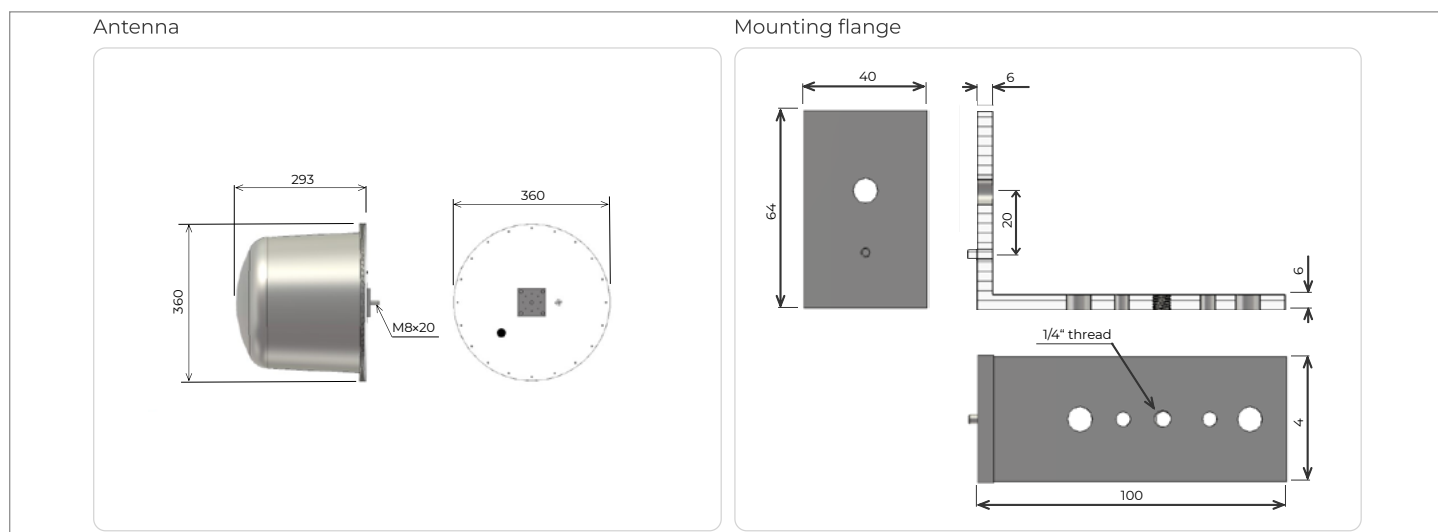
Rated Temperature Range	-10°C – +50°C
Storage Temperature Range	-20 °C – +70 °C



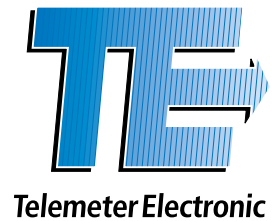
Mounting Flange

Mounting	Universal antenna mount
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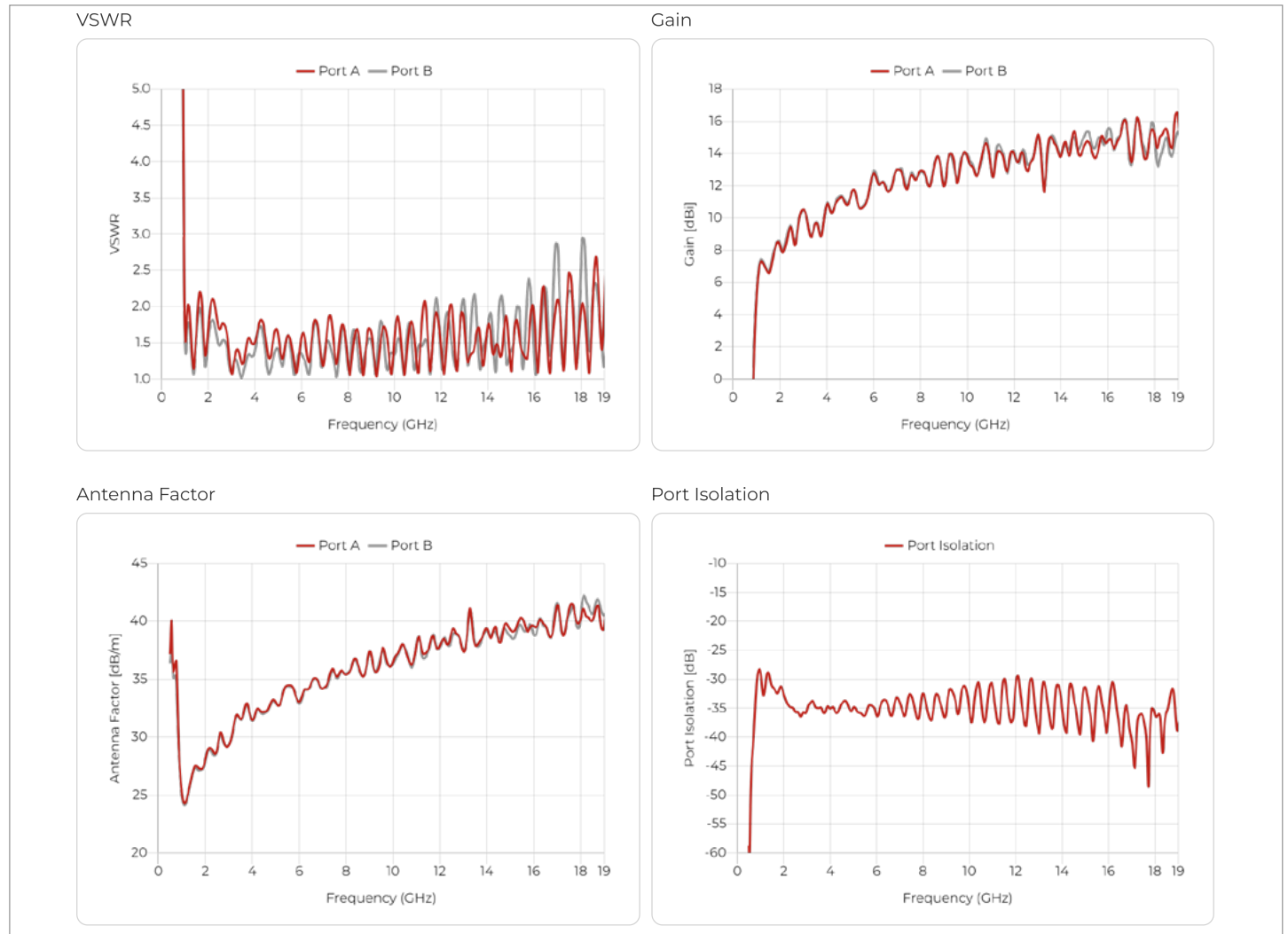
Mechanical Drawings



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Typical Parameters



Deutschland

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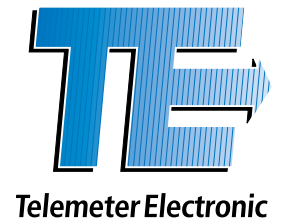
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Tschechische Republik

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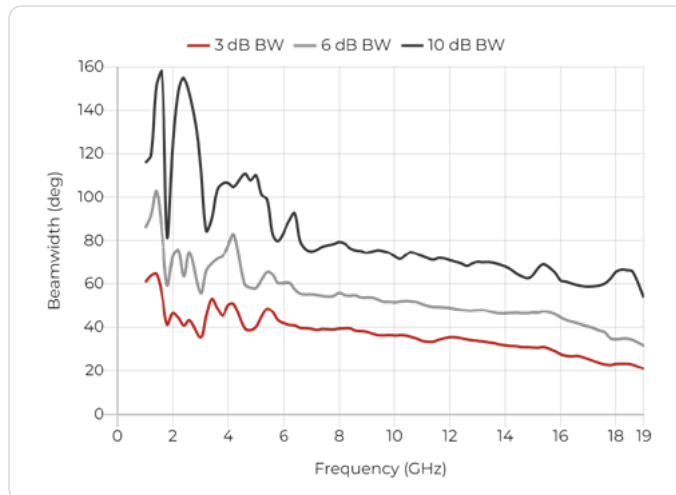
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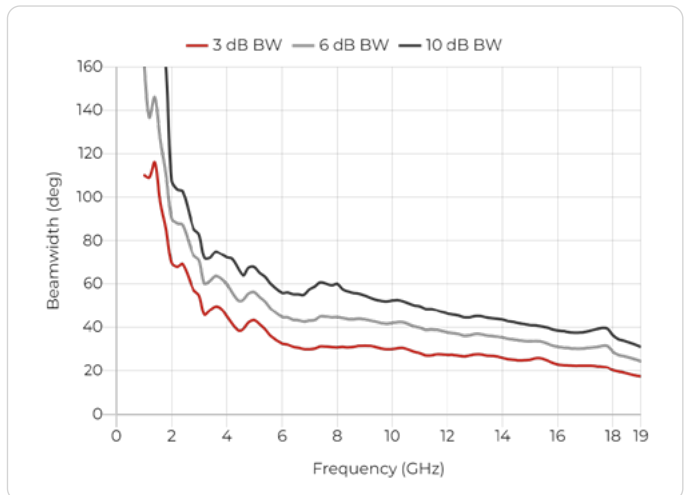


Beamwidth

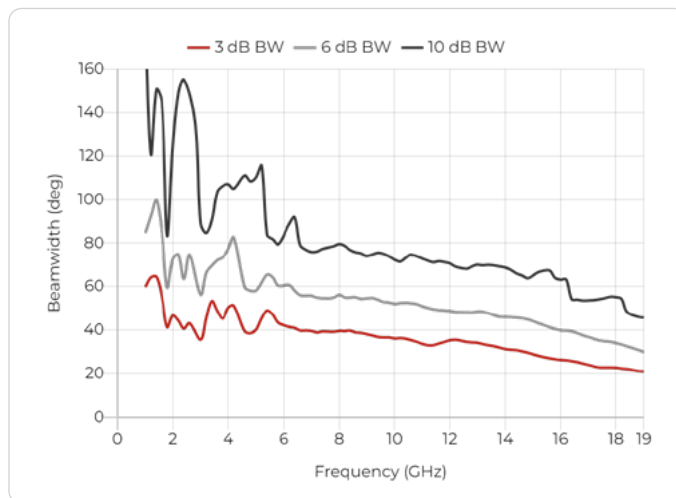
Port A, E plane



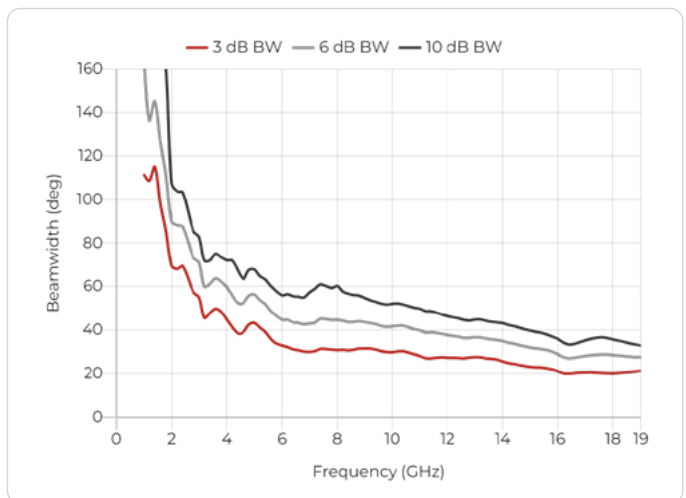
Port A, H plane



Port B, E plane



Port B, H plane



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Radiation Patterns – Port A



Quad Ridged Horn Outdoor Antenna Model QRH18R

Radiation Patterns – Port B

