

Quad Ridged Horn Antenna Model QRH0218

Electrical Specifications

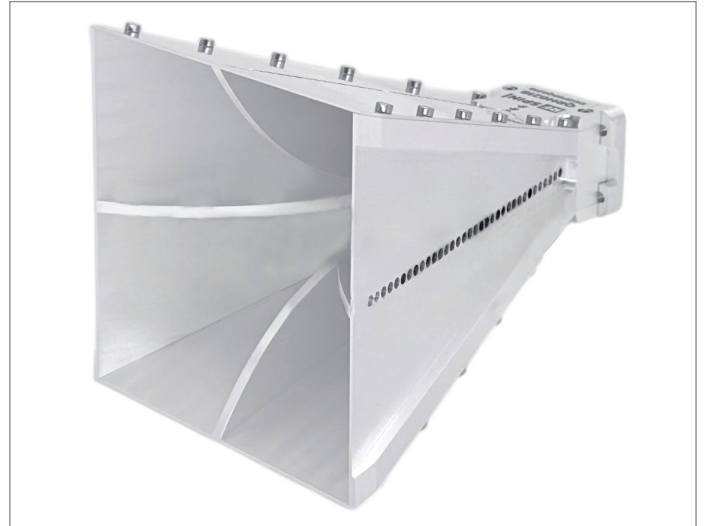
Frequency Range	2 GHz – 18 GHz
VSWR (max.)	2.2
VSWR (avg.)	1.4
Impedance	50 Ω
Connector	SMA (female)
Power (CW/Peak)	100 W / 170 W
Antenna Factor	29 – 42 dB/m
Port Isolation	-30 dB
Polarization	Dual Linear, Circular (with hybrid)

Physical Specifications

Width	90.7 mm (3.571 in)
Height	121 mm (4.764 in)
Depth	90.7 mm (3.571 in)
Weight	0.166 kg (0.366 lb)

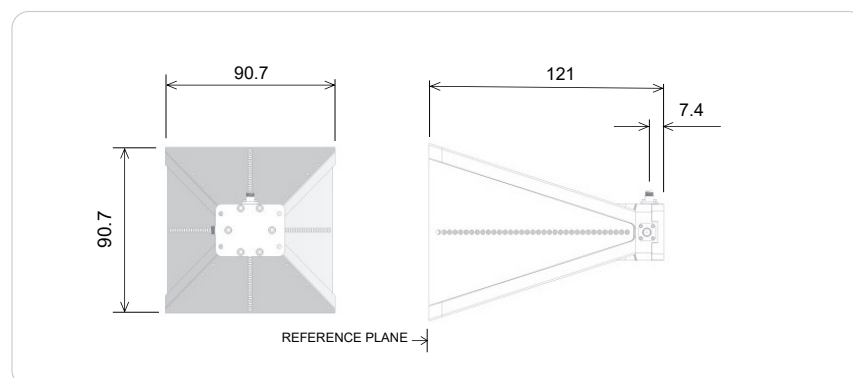
Operating Conditions

Rated Temperature Range	0 °C – +50 °C
Storage Temperature Range	-20 °C – +70 °C



Mechanical Drawings

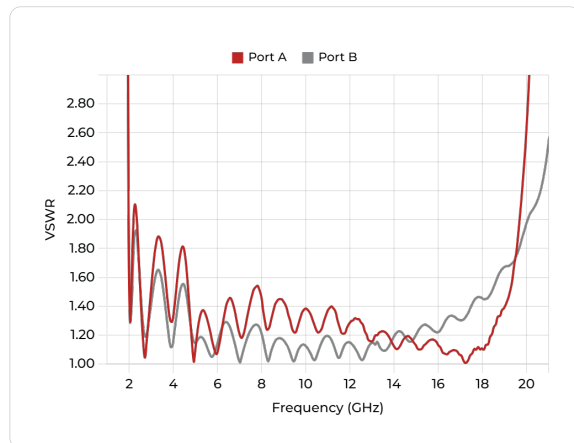
Antenna



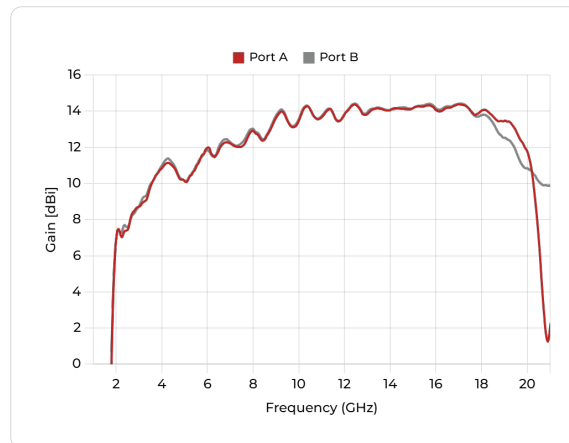
Quad Ridged Horn Antenna Model QRH0218

Typical Parameters

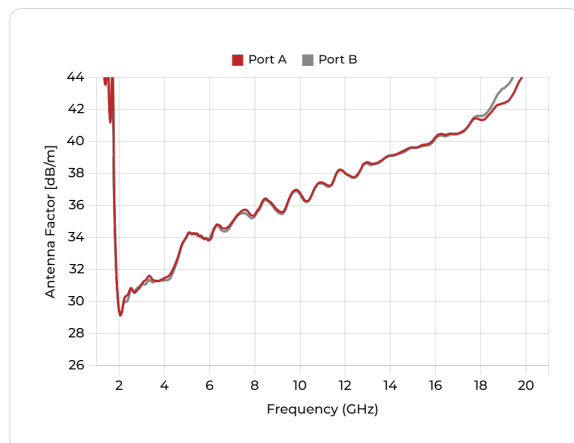
VSWR



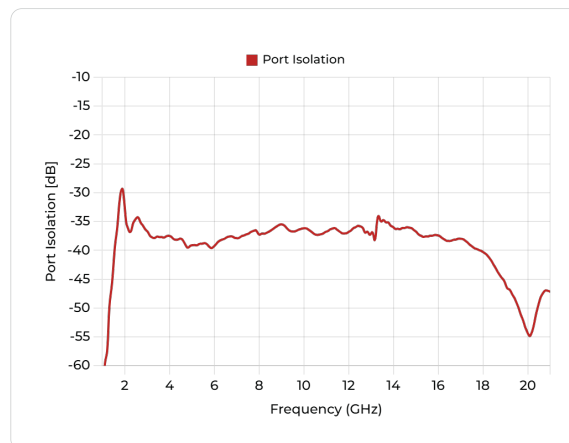
Gain



Antenna Factor



Port Isolation



Cross Polarization

