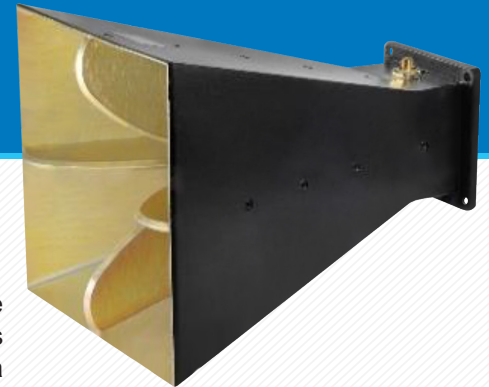


MODEL NUMBER:  
**QRHA12G**

**Dual Polarization Horn  
Antenna, Quad Ridged**



### DESCRIPTION:

The QRHA12G Dual Polarization Horn, Quad Ridged Antenna has a wide frequency range of 1 GHz to 12 GHz with 50 Watts of continuous power. This lightweight antenna is a great option for broadband field monitoring. The antenna has both linear and circular polarized waveforms to meet multiple standards.

### FEATURES

- Broadband
- Dual Polarization
- Quad Ridged

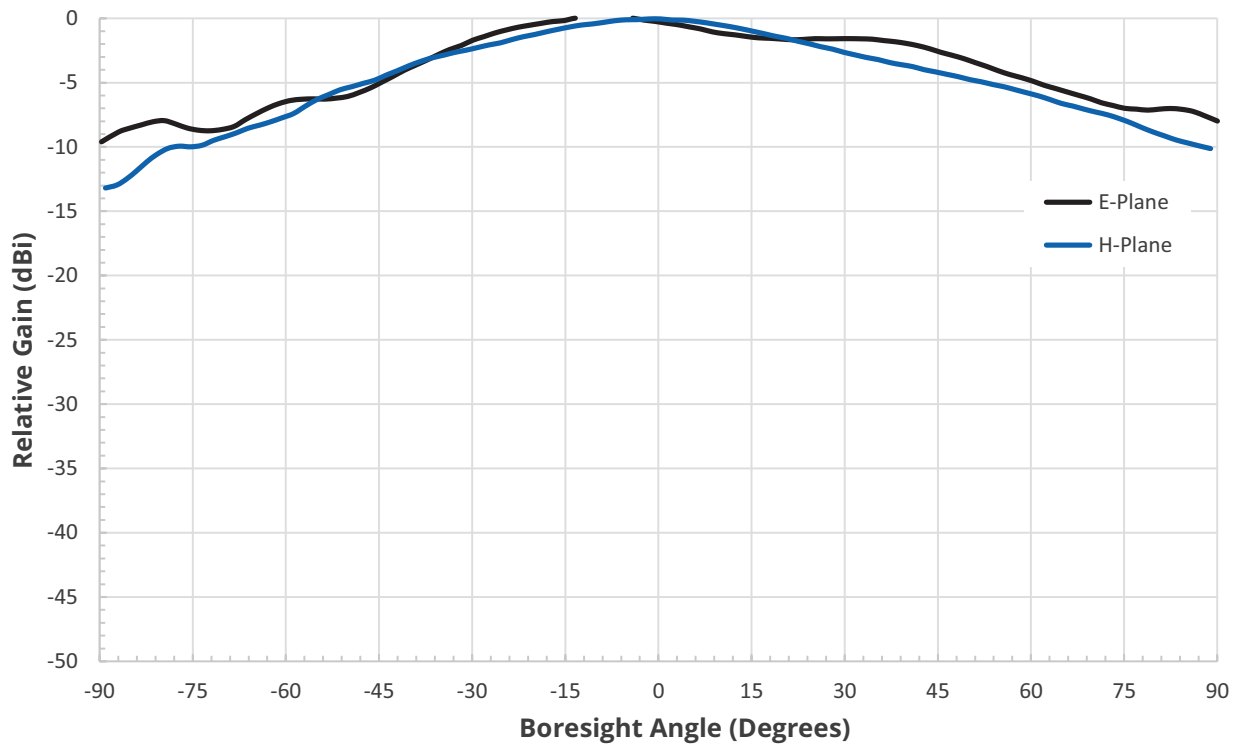
### ELECTRICAL SPECIFICATIONS

Frequency Range:	1 GHz - 12 GHz
Gain:	12 dBi
Maximum Continuous Power:	50 Watts
Impedance:	50 $\Omega$
Connector Type:	SMA, female
Mounting Base:	4 x $\varnothing$ 0.22" through holes
dB Beamwidth, E-plane: 3	27°
dB Beamwidth, H-plane:	24°
Return Loss:	7 dB
Weight:	2.75 lb
Dimensions L x H x W:	9 x 6.4 x 6.4

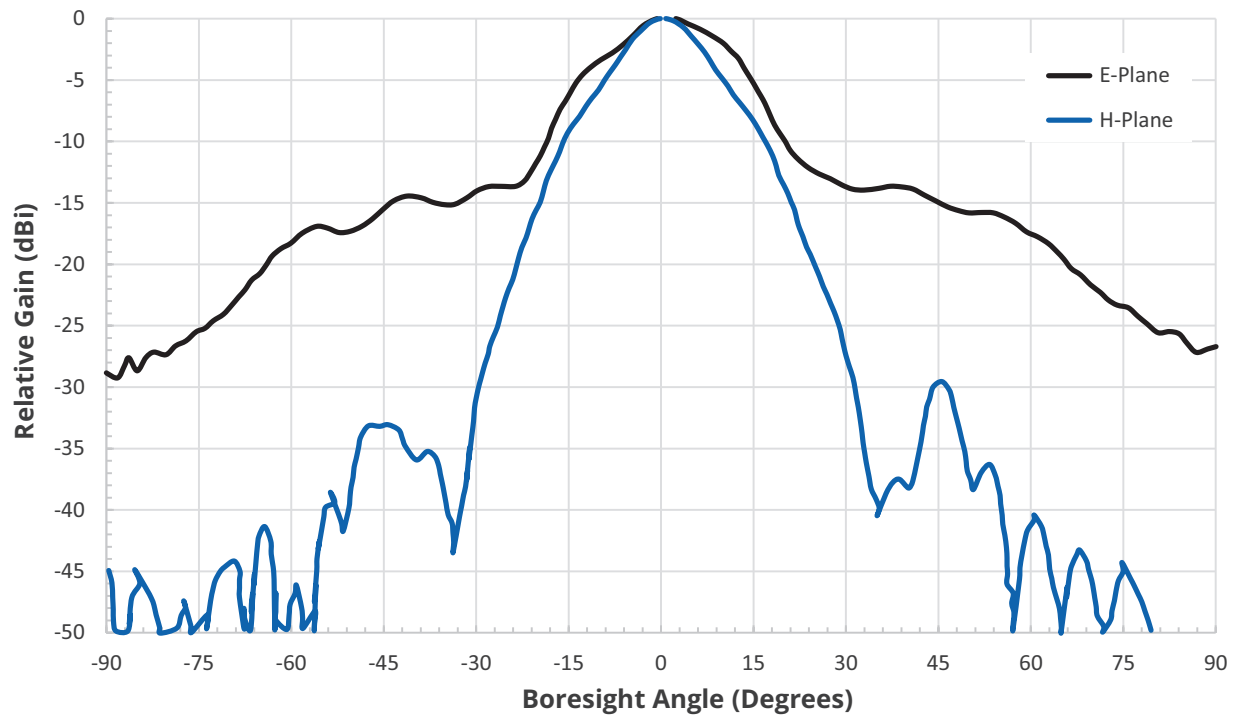
### RECOMMENDED ACCESSORIES

- PA18G (Preamplifier)
- RFC-NN-3M (3 meter N/N Cable)
- WT1.5M (Antenna Tripod Unit, Wooden)
- AAM-10 (Antenna Azimuth Head)

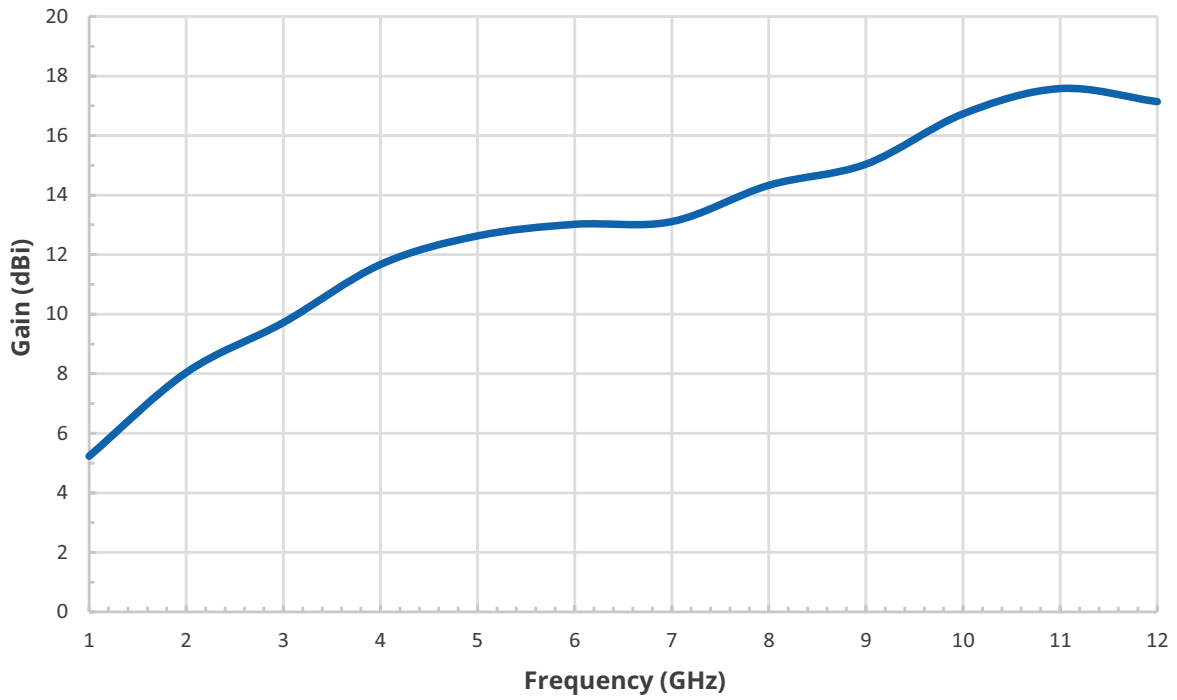
## TYPICAL ANTENNA PATTERN AT 1 GHZ



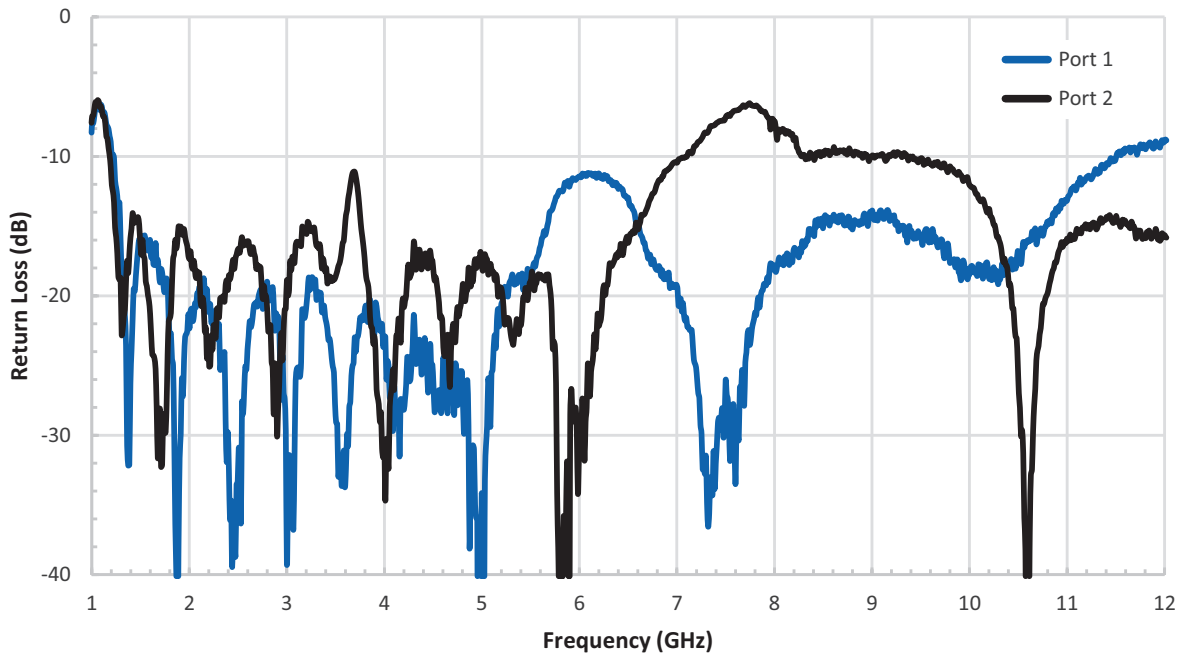
## TYPICAL ANTENNA PATTERN AT 12 GHZ



## TYPICAL GAIN VS FREQUENCY



## TYPICAL RETURN LOSS VS FREQUENCY



## TYPICAL ISOLATION VS FREQUENCY

