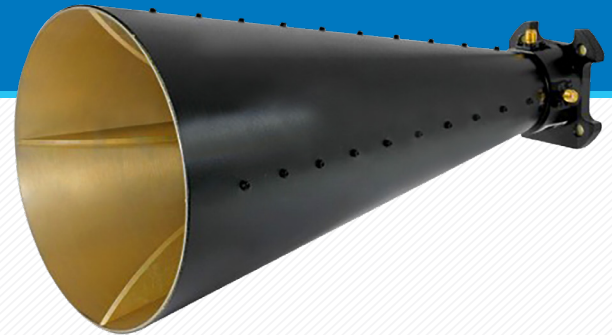


MODEL NUMBER:
QRHA18G

Dual Polarized Quad Ridged Horn Antenna



DESCRIPTION:

The QRHA18G is a quad ridged, dual polarized horn antenna that operates from 2 to 18 GHz with 150 Watts of continuous power. This lightweight antenna is a great option for broadband field monitoring as well as communication systems, and radar system setups.

FEATURES

- Dual Polarization
- Broadband
- Moderate Gain
- Coaxial Connections for RF Inputs

ELECTRICAL SPECIFICATIONS

Frequency Range:	2 GHz - 18 GHz
Gain:	12 dBi
Maximum Continuous Power:	150 Watts
E-Plane 3 dB Beamwidth:	25°
H-Plane 3 dB Beamwidth:	22°
Sidelobe Levels:	-15 dB
Impedance:	50 Ω
Connector Type:	SMA
Mounting Base:	0.24" Thru Holes

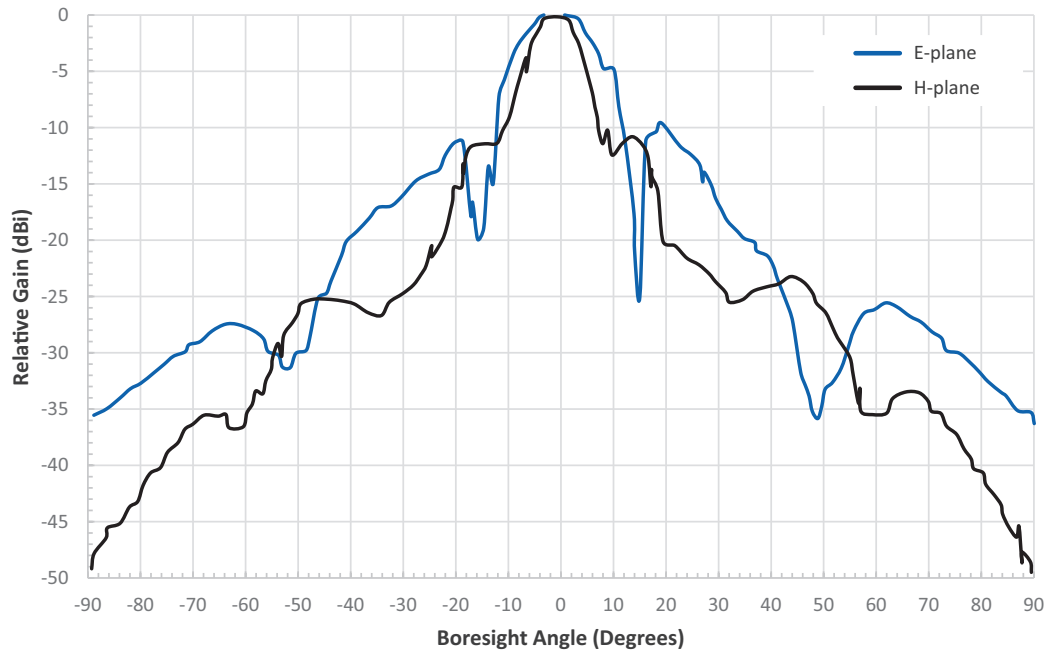
RECOMMENDED ACCESSORIES

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

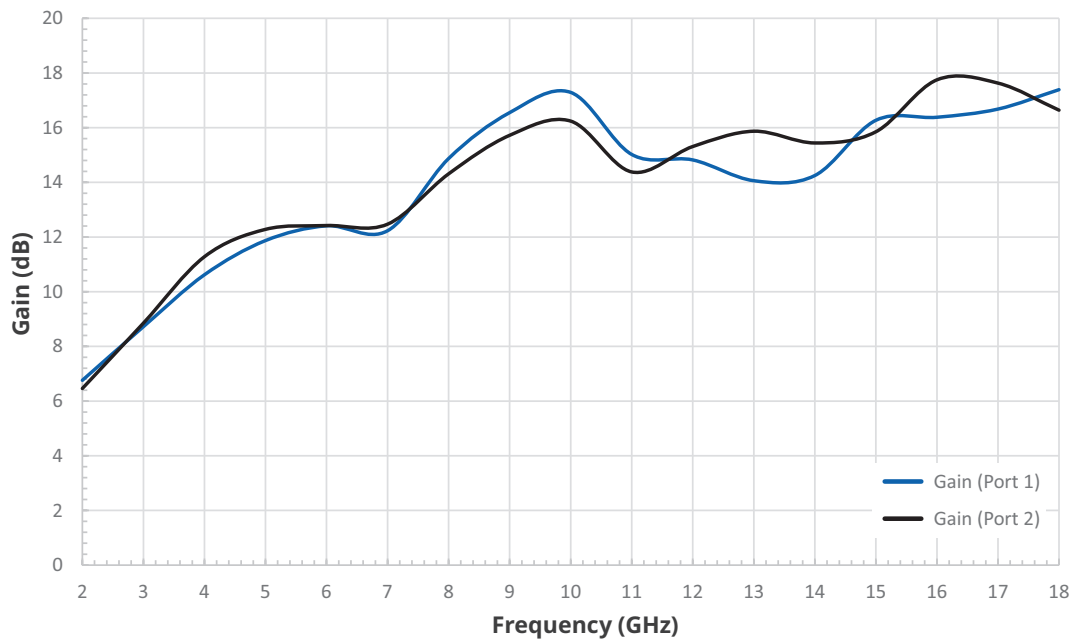
PHYSICAL DIMENSIONS

Width:	5.51 in.
Length:	11.52 in.
Weight:	2.42 lb

TYPICAL ANTENNA PATTERN @ 18 GHZ



TYPICAL GAIN VS FREQUENCY



TYPICAL MEASURED ISOLATION AND RETURN LOSS VS FREQUENCY

