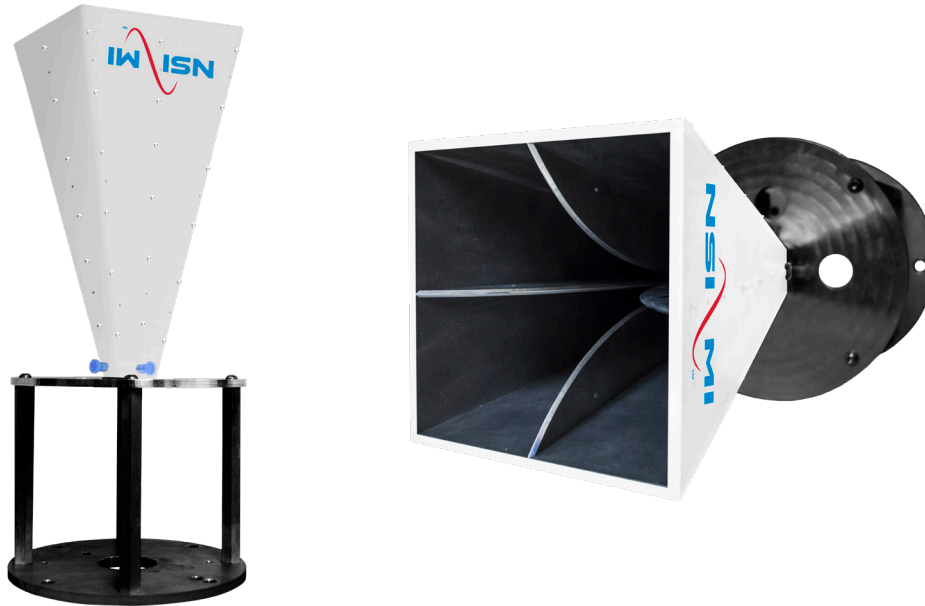


# Quadridge Horn Antennas



ANT-QRH



## FEATURES

- Dual Linear Polarization
- High Gain
- High Performance over Broad Frequency Bands
- Stable Radiation Patterns

## OPTIONS

- NSI-MI Mounting Cage
- Pattern Calibration
- Gain Calibration

## DESCRIPTION

NSI-MI Technologies' Quadridge Horn Antennas are designed to operate over a multiple octave frequency range. The best in class radiation patterns remain consistent across the operating frequency band. The ruggedized and enclosed design makes them ideal as broadband source antennas for applications that require a controlled antenna radiation pattern that limits spilling energy in unwanted directions (to the sides and back). Each model is also designed to maintain VSWR across the complete frequency bandwidth.

## INCLUDES

- ANT-QRH Quadridge Horn Antenna
- User Manual

## AVAILABLE ADD-ONS

- Mounting Hardware
- Absorber

## SPECIFICATIONS

Parameters	Units	ANT-QRH-2-18	ANT-QRH-5-15
Frequency Range Connector	GHz	2 to 18	5 to 15
Port-to-Port Isolation	dB	25	30
Cross-Polar Discrimination	dB	25	25
Peak Gain	dBi	20	20
VSWR	N/A	3:1 Peak	2.5:1 Peak
Polarization	N/A	Dual Linear	Dual Linear
Front to Back Ratio	dB	30	35
Length	in. (cm)	12.2 (31)	12.2 (31.0)
Width	in. (cm)	5.4 (11.9)	5.4 (11.9)
Height	in. (cm)	5.4 (11.9)	5.4 (11.9)
Weight	lb (kg)	3.8 (8.4)	3.8 (8.4)
Material	N/A	Aluminum	Aluminum
Interface Hole Pattern (Quantity)	N/A	1/4 - 20 Screw with 0.8" Spacing (2)	1/4 - 20 Screw with 0.8" Spacing (2)
Optional Mounting	N/A	NSI-MI Mounting Cage	NSI-MI Mounting Cage

## TYPICAL MEASURED DATA

