



FEATURES

- Low VSWR
- High Gain
- Excellent Performance over Broad Frequency Bandwidth
- Stable Radiation Patterns

DESCRIPTION

NSI-MI Technologies' Broadband Horn Antennas (ANT-BHA) are suitable for a wide variety of applications that require stable antenna performance over extremely broad frequency bandwidths as high as 15:1. The best in class radiation patterns remain consistent across the operating frequency band for applications that require broadband performance. Each model is also designed to maintain VSWR across the complete frequency bandwidth.

INCLUDES

- ANT-BHA Broadband Horn Antenna
- User Manual

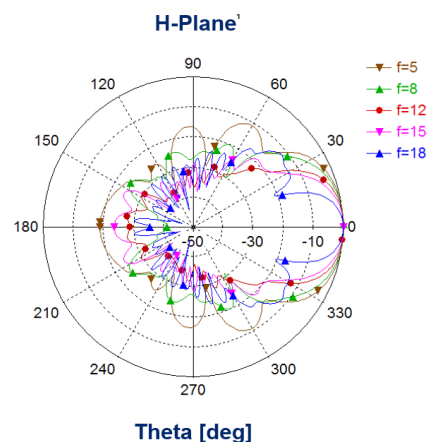
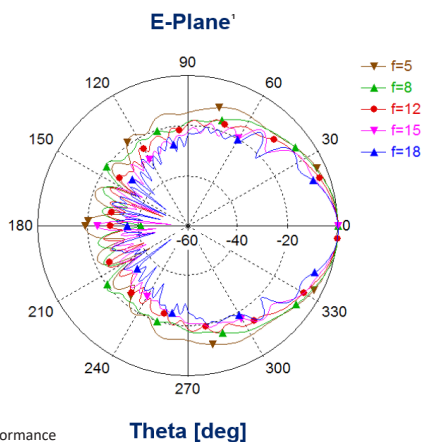
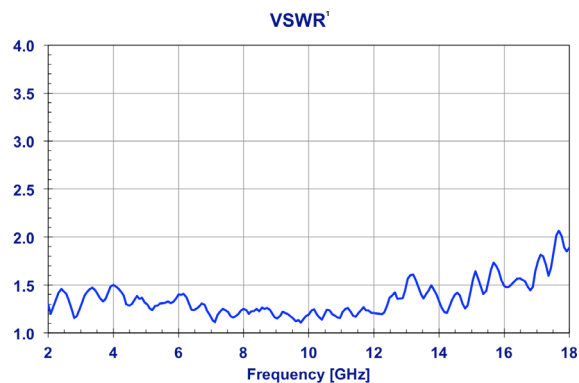
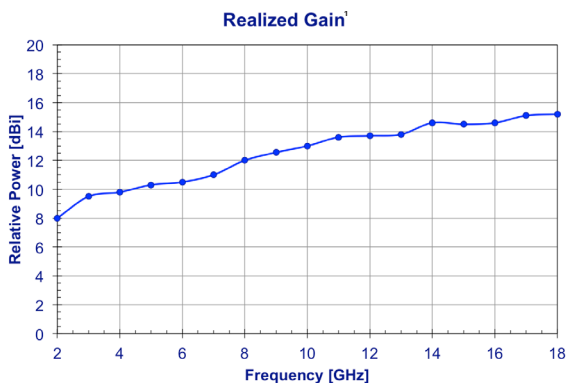
AVAILABLE ADD-ONS

- Mounting Hardware
- Absorber
- A2LA Calibration

SPECIFICATIONS

Parameters	ANT-BHA-1-15	ANT-BHA-2-18	ANT-BHA-2-30
Material	Aluminum	Aluminum	Aluminum
Frequency Range	1 - 15 GHz	2 - 18 GHz	2 - 30 GHz
Peak Gain	15 dBi	15 dBi	15 dBi
Polarization	Dual Linear	Dual Linear	Dual Linear
Port-to-Port Isolation	25 dB	25 dB	25 dB
Cross-Polar Discrimination	20 dB	20 dB	20 dB
VSWR	1.8:1 typical 2.5:1 peak	1.8:1 typical 2.5:1 peak	1.8:1 typical 2.5:1 peak
RF connector (50Ω)	2 x 2.92 mm	2 x 2.92 mm	2 x 2.92 mm
Max Power	50 W	50 W	50 W
Physical			
Length	340 mm (13.4 in.)	185 mm (7.3 in.)	185 mm (7.3 in.)
Width	301 mm (11.9 in.)	170 mm (6.7 in.)	150 mm (5.9 in.)
Height	301 mm (11.9 in.)	170 mm (6.7 in.)	150 mm (5.9 in.)
Weight	1.13 kg (2.5 lbs)	0.59 kg (1.3 lbs)	0.54 kg (1.2 lbs)

ANT-BHA-2-18



¹Typical Performance