SAS-570

Double Ridge Guide Horn Antenna
170 MHz – 3 GHz

High gain, low VSWR, input handling capability up to 800 watts CW, and rugged design make this horn antenna excellent for both immunity and emissions testing.

Frequency Range: 170 MHz - 3 GHz
Antenna Factor (1 Meter): 11 to 33
Gain (dBi): 0 to 10.9
Maximum Continuous Power: 800 Watts
Impedance: 50 Ω
Max Radiated Field: 200 V/m
500 V/m (with Optional 7/16 DIN female connector)
Connector: N-Type, female
Mounting Base: ¼ - 20 Thread, female

Features
- Broad Frequency Range of 170 MHz to 3 GHz
- Linearly Polarized High Gain, Low VSWR
- Individually Calibrated at 1 Meter Horizontal and Vertical Polarity
- Optional 7/16 Input connector available for increased power capability
- Three year Warranty

The A.H. Systems' Double Ridged Guide Horn is a broadband antenna that offers excellent performance over the frequency range of 170 MHz - 3 GHz. High gain, low VSWR, input handling capability up to 800 watts CW and rugged design make this horn antenna excellent for both immunity and emissions testing.

Recommended Accessories
- ATU-510 (Antenna Tripod)
- AEH-511 (Azimuth and Elevation Head)
Double Ridge Guide Horn Antenna
Model: SAS-570

Antenna Factor (dBi(x))
Ogain (dBi)

0 500 1000 1500 2000 2500 3000
Frequency (MHz)

VSWR
Model: SAS-570

0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000
Frequency (MHz)
Physical Dimensions:
Length: 36.7 in. (93.2 cm)
Width: 28.7 in. (72.9 cm)
Height: 38.5 in. (97.8 cm)
Weight: 22.5 lb.'s (10.21 kg)

Aperture: 27.2" x 37.2" (69cm x 94.5cm)