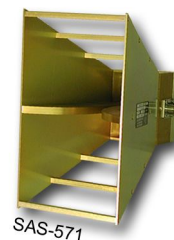




## Double Ridge Guide Horn Antennas

Excellent Performance from 170 MHz - 40 GHz

High Gain, Low VSWR, input handling capability of up to 800 Watts CW and rugged design makes these horn antennas excellent for both immunity and emissions testing.



SAS-571



SAS-574

170 MHz - 40 GHz

A.H. Systems Horn Antennas are broadband antennas that offer excellent performance over the frequency range of 170 MHz to 40 GHz. High gain, low VSWR, input power handling capability of up to 800 Watts CW and rugged design make these Horn Antennas excellent for both Immunity and Emissions testing.

### Features

- Wide Operating Frequency 170 MHz - 40 GHz
- Radiated and Immunity
- Individually Calibrated
- Linearly Polarized
- High Power Input Capability

Model	Frequency Range (GHz)	Antenna Factor (dB/m)	Max Cont. Pwr. in (Watts)	Max Radiated Field (V/M)	Connector Type	Ave. VSWR	Length	Width	Height	Weight
SAS-570	0.17 - 3	11-33	800	200	N	1.5	36.7" / 93cm	28.7" / 73cm	38.5" / 98cm	22.5lbs / 10.2kg
SAS-571	0.7 - 18	22-45	300	200	N	1.6	11.0" / 28cm	5.6" / 14cm	9.5" / 24cm	3.5lbs / 1.6kg
SAS-574	18 - 40	40-41.5	10	150	2.9mm	1.5	3.4" / 8.6cm	1.2" / 3.0cm	1.6" / 4.1cm	0.2lbs / 0.09kg
SAS-575	1 - 4	20-29	250	200	N	1.5	17" / 43cm	13.3" / 34cm	15.5" / 40cm	15lbs / 6.8kg

Other Models available upon request.

Low-Loss High-Frequency cables required above 10 GHz ...see page 20

Optional Preamplifiers available ...see page 20



AK-571-4 (Horn Antenna Kit)

See page 15 for our new Horn Antenna Kit



SAS-570