SAS-574
Double Ridge Guide Horn Antenna
18 GHz – 40 GHz

High gain, low VSWR, and rugged design make this horn antenna excellent for both immunity and emissions testing.

Frequency Range: 18 GHz - 40 GHz
Antenna Factor: 40.3 to 41.1
Gain: 15 to 21.2 dBi
Maximum Continuous Power: 10 Watts
Max Radiated Field: 100 V/M
Impedance: 50 Ω
VSWR: 1.2:1 (1.5:1 max)
Connector: 2.9mm female
Mounting Base: ¼ - 20 Thread, female

Features
• Broad Frequency Range of 18 GHz to 40 GHz
• Linearly Polarized High Gain, Low VSWR
• Individually Calibrated at 1 Meter Horizontal Polarity
• Attached Tripod Mount for Horizontal and Vertical Mounting
• Three year Warranty

The A.H. Systems' Double Ridge Guide Horn Antenna is a broadband antenna that offers excellent performance over the frequency range of 18 GHz to 40 GHz. High gain, low VSWR, and input handling capability up to 10 watts make this horn antenna an excellent general use performer.

Recommended Accessories
• PAM-1840 (Preamplifier)
• SAC-40G-1.5 (1.5 Meter Low Loss Cable)
• SAC-40G-0.5 (0.5 Meter Low Loss Cable)
Physical Dimensions:
Length: 3.1 in. (7.9 cm)
Width: 1.2 in. (3 cm)
Height: 1.6 in. (4.1 cm)
Weight: 0.2 lbs. (0.09 kg)