**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:** 150 V/M
- **Impedance:** 50 Ω
- **VSWR:** 1.2:1 (1.5:1 max)
- **Connector:** WRD-180C24 to 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
- 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: 3.5 in. (8.9 cm)

Width: 1.2 in. (3 cm)

Height: 1.6 in. (4.1 cm)

Weight: 0.2 lbs. (0.09 kg)