



CATALOG |||||

SAS-574 (Double Ridge Guide Horn Antenna)

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Frequency Range:	18 GHz - 40 GHz
Antenna Factor (1 Meter)	40.3 to 41.1
Gain (dBi)	15 to 21.2
Beamwidth E-plane	18°
Beamwidth H-plane	20°
Maximum Continuous Power:	10 Watts
Max Radiated Field:	150 V/M
Connector:	WRD-180C24 to 2.9mm female
Mounting Base:	¼ - 20 Thread, female
Physical Dimensions:	
Length:	3.4 in. (8.6 cm)
Width:	1.2 in. (3 cm)
Height:	1.6 in. (4.1 cm)
Weight:	0.2 lbs. (0.09 kg)

Features

- Frequency Range of 18 GHz to 40 GHz
- Receive and Transmit
- Individually Calibrated (1 Meter calibration included, horizontal polarization)
- Linearly Polarized
- FCC, MIL-STD, VDE and TEMPEST Testing

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 5 watts make this horn antenna an excellent general use performer.

Recommended Accessories

- [PAM-1840](#) (18GHz - 40 GHz Preamplifier, 20dB gain)
- [SAC-40G-1.5](#) (1.5 Meter 2.9mm Cable, Low-Loss)
- [ATU-510](#) (Antenna Tripod Unit, wooden)
- [AEH-510](#) (Azimuth and Elevation Head, Plastic)

More Information

- [Typical Antenna Factor Plot](#)
- [Numeric Data](#)
- [1 Meter Power Requirements](#)
- [Cross Polarization Attenuation](#)