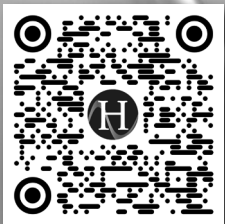




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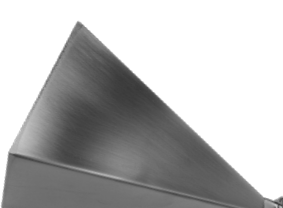
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WAVEGUIDE GAIN HORN ANTENNAS

HASCO's Stand Rectangular Gain Horns are used in a wide variety of applications, such as antenna testing and RF radiation pattern measurement. Our Gain Horns function as a calibration standard or as reference for antenna gain measurement. They are also used as feed horns for lens and reflector antennas or stand-alone antennas in subsystems.

The HASCO standard gain horn antenna is used for antenna range calibration and general-purpose system setups.

WAVEGUIDE GAIN HORN ANTENNAS

PHOTO	PART #	INPUT WAVEGUIDE	GAIN	SPECIFICATIONS
	HWSGH10-23-ER	WR-10 Waveguide Flange: UG-387/UM W Band	23 dBi	Frequency: 75 - 110 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C
	HWSGH12-23-ER	WR-12 Waveguide Flange: UG-387/U E Band	23 dBi	Frequency: 60 - 90 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C
	HWSGH15-23-ER	WR-15 Waveguide Flange: UG-385/U V Band	23 dBi	Frequency: 50 - 75 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C
	HWSGH19-23-ER	WR-19 Waveguide Flange: UG-383/UM U Band	23 dBi	Frequency: 40 - 60 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C
	HWSGH22-23-ER	WR-22 Waveguide Flange: UG-383/UM Q Band	23 dBi	Frequency: 33 - 50 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C
	HWPSD28-23-ES	WR-28 Waveguide Flange: UG-599/U Ka Band	23 dBi	Frequency: 26.5 - 40 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C
	HWPSD42-23-ES	WR-42 Waveguide Flange: UG-599/U K Band	23 dBi	Frequency: 18 - 26.5 GHz VSWR: 1.10:1 Max Series: Directional Polarity: Vertical Temp: -55° to 85°C