

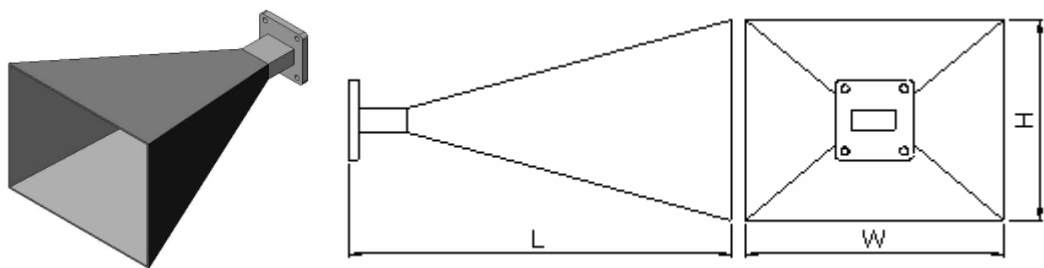


17 Standard Gain Horn Antenna

HengDa Microwave manufactures a high quality line of standard gain horn antennas that are linearly polarized, lightweight and corrosion resistant. The most common Gain values available are 10, 15, 20, 25dB. Other Gain values and Horn sizes can be designed to your requirement. Please call us with your specification and discuss your needs with one of our sales engineers.



Standard Gain Horn Antenna, 25 dB



Style 1 — Waveguide Input

【Specifications】

Model No	Freq Range (GHz)	Gain* (dB)	3dB Beamwidth* (Nom)	Dimensions (mm)			WG Type		Flange
				L	W	H	IEC	EIA	
HD-100HA25	8.20-12.40	25	10°	840	244	204	R100	WR90	FBP
HD-120HA25	9.84-15.0	25	10°	400	185	155	R120	WR75	FBP
HD-140HA25	11.9-18.0	25	10°	356	155	128	R140	WR62	FBP
HD-180HA25	14.5-22.0	25	10°	260	130	100	R180	WR51	FBP
HD-220HA25	17.6-26.7	25	10°	271	104	85	R220	WR42	FBP
HD-260HA25	21.7-33.0	25	10°	220	92	72	R260	WR34	FBP
HD-320HA25	26.5-40.0	25	10°	172	71	59	R320	WR28	FBP
HD-400HA25	32.9-50.1	25	10°	136	59	46	R400	WR22	FUGP
HD-500HA25	39.2-59.6	25	10°	130	49	41	R500	WR19	FUGP
HD-620HA25	49.8-75.8	25	10°	91.4	38	31	R620	WR15	FUGP
HD-740HA25	60.5-91.9	25	10°	82	32	26	R740	WR12	FUGP
HD-900HA25	73.8-112	25	10°	70	28	22	R900	WR10	FUGP

**Gain and 3dB Beamwidth values have been calculated by computer simulation.*

【Ordering Information】



Example Part No: HD- 100 HA 25

HengDa Microwave — Gain: 25dB

WG Type: R100 — Product Type: Standard Gain Horn Antenna
with Waveguide Input

- Flange type: Multiple types available - see HD Flanges page
- Finish: Corrosion protection plus black/grey top coat