



Manufacturers-Precision Microwave Components  
Cheshire, CT U.S.A.

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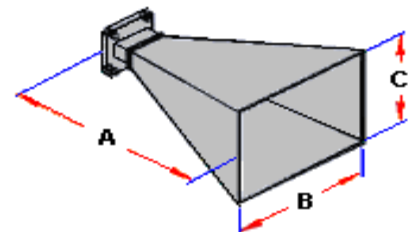
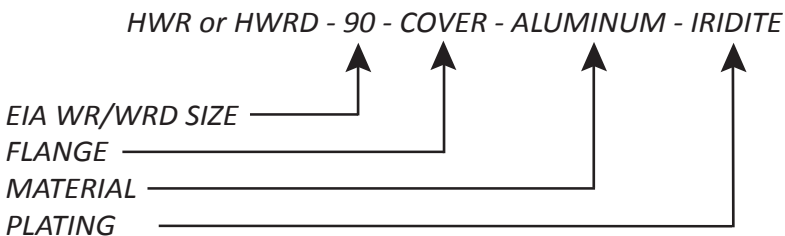
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## STANDARD GAIN HORN SPECIFICATIONS

<b>TYPICAL ELECTRICAL / MECHANICAL SPECIFICATIONS</b>										
EIA WR/ WRD SIZE	MODEL No.	FREQUENCY RANGE (GHz)	H.P.B.W. (Nom.Deg.)	GAIN (dBi)			FLANGE EQUIV.	"A" DIM	"B" DIM	"C" DIM
				@FL	@FM	@FH				
28	HWR28	26.50 - 40.00	15	19.2	20.8	22.1	Brass-Cover	3.00	1.06	1.20
42	HWR42	18.00 - 26.50	15	18.8	20.4	21.7	Brass-Cover	4.50	2.26	1.60
62	HWR62	12.40 - 18.00	15	19	20.5	21.8	Brass-Cover	6.45	3.36	2.55
75	HWR75	10.00 - 15.00	15	19	20.6	21.9	Brass-Cover	7.89	4.15	3.12
90	HWR90	8.20 - 12.40	18	17.4	19	20.3	Brass-Cover	6.15	4.25	3.15
112	HWR112	7.05 - 10.00	20	17.2	18.5	19.8	Brass-Cover	6.89	4.80	3.57
137	HWR137	5.85 - 8.20	20	17.3	18.7	19.8	Brass-Cover	8.65	5.90	4.35
159	HWR159	4.90 - 7.05	24	15.5	16.8	18	Brass-CPRF	5.90	5.73	4.25
187	HWR187	3.95 - 5.85	32	12.4	14.2	15.7	Brass-Cover	6.38	4.80	3.42
229	HWR229	3.30 - 4.90	32	13	14.8	16.1	Brass-CPRF	6.38	6.15	4.48
284	HWR284	2.60 - 3.95	32	13.2	14.8	16.2	Brass-Cover	7.65	7.94	5.75
340	HWR340	2.20 - 3.30	34	13.1	14.7	16.3	Alum-CPRF	9.70	9.50	6.85
430	HWR430	1.70 - 2.60	32	13.3	15.2	16.5	Alum-CPRG	11.55	12.00	8.70
650	HWR650	1.12 - 1.70	32	13.1	15.1	16.2	Alum-CPRF	17.50	18.14	13.15

<b>TYPICAL ELECTRICAL / MECHANICAL DOUBLE RIDGED</b>										
D-180	HWRD180	18.00 - 40.00	18	15.2	18.9	21.3	Alum-Plate	2.47	1.48	1.09
D-750	HWRD750	7.50 - 18.00	18	15.3	19.3	21.7	Alum-Plate	5.85	3.59	2.55
D-650	HWRD650	6.50 - 18.00	18	14.1	19	21.8	Alum-Plate	5.85	3.6	2.55
D-475	HWRD475	4.75 - 11.00	18	15.2	19.1	21.4	Alum-Plate	9.14	5.55	4
D-350	HWRD350	3.50 - 8.20	25	12.1	16	18.3	Alum-Plate	5.14	5.25	3.85

### Ordering Information



Note: Special Gain values also available. Dust covers and radomes are available on request Coaxial inputs available

Please contact the factory with your requirements.

Microtech, Inc. precision Standard Gain Horns are engineered, designed, and manufactured "in-house" utilizing computer aided design (CAD) and computer aided manufacturing (CAM) in our state of the art production facilities. We feature rugged dip or silver brazed construction, all at a reasonable cost. If you need a special configuration just contact the factory or our area Manufacturer's Representative with your requirements.