

## Microwave Antennas

Dia. (m)	Freq. (GHz.)	Model	Gain (dBi)	F/B (dB)	XPD (dB)	VSWR	Beam Width Degr.	Flange
0.3	10.70 - 11.70	HTB03-107V	27.9	39	30	1.25	6.2	PBR100
0.3	10.70 - 11.70	HTG03-107V	28.3	50	30	1.25	6.2	PBR100
0.3	12.75 - 13.25	HTB03-127V	29.2	40	30	1.25	5.38	PBR140
0.3	12.75 - 13.25	HTG03-127V	29.6	51	30	1.25	5.38	PBR140
0.3	14.40 - 15.35	HTB03-144V	30.4	41	30	1.25	4.7	PBR140
0.3	14.40 - 15.35	HTG03-144V	30.8	52	30	1.25	4.7	PBR140
0.3	17.70 - 19.70	HTB03-177V	32.4	43	30	1.25	3.74	PBR220
0.3	17.70 - 19.70	HTG03-177V	32.8	54	30	1.25	3.74	PBR220
0.3	21.20 - 23.60	HTB03-212V	34	43	30	1.25	3.13	PBR220
0.3	21.20 - 23.60	HTG03-212V	34.4	53	30	1.25	3.13	PBR220
0.3	24.25 - 26.60	HTB03-242V	34.9	45	30	1.25	2.81	PBR220
0.3	24.25 - 26.60	HTG03-242V	35.5	55	30	1.25	2.81	PBR220
0.6	8.50 - 8.75	HTB06-85V	31.7	44	30	1.20	4.06	UDR84
0.6	8.50 - 8.75	HTG06-85V	31.7	55	30	1.20	4.06	UDR84
0.6	10.70 - 11.70	HTB06-107V	33.9	45	30	1.20	3.13	PBR100
0.6	10.70 - 11.70	HTG06-107V	34.3	57	30	1.20	3.13	PBR100
0.6	12.75 - 13.25	HTB06-127V	35.2	45	30	1.20	2.69	PBR140
0.6	12.75 - 13.25	HTG06-127V	35.6	56	30	1.20	2.69	PBR140
0.6	14.40 - 15.30	HTB06-144V	36.4	47	30	1.20	2.35	PBR140
0.6	14.40 - 15.30	HTG06-144V	36.8	58	30	1.20	2.35	PBR140
0.6	17.70 - 19.70	HTB06-177V	38.4	49	30	1.25	1.87	PBR220
0.6	17.70 - 19.70	HTG06-177V	38.8	60	30	1.25	1.87	PBR220
0.6	21.20 - 23.60	HTB06-212V	40.0	50	30	1.25	1.56	PBR220
0.6	21.20 - 23.60	HTG06-212V	40.4	60	30	1.25	1.56	PBR220
0.6	24.25 - 26.50	HTB06-242V	40.9	51	30	1.25	1.41	PBR220
0.6	24.25 - 26.50	HTG06-242V	41.3	61	30	1.25	1.41	PBR220

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Dia. (m)	Freq. (GHz.)	Model	Gain (dBi)	F/B (dB)	XPD (dB)	VSWR	Beam Width	Degr.	Flange
1.2	10.70 - 11.70	HTB12-107V	39.9	52	30	1.15	1.56		PBR100
1.2	10.70 - 11.70	HTG12-107V	40.3	63	30	1.15	1.56		PBR100
1.2	12.75 - 13.25	HTB12-127V	41.2	53	30	1.15	1.35		PBR140
1.2	12.75 - 13-25	HTG12-127V	41.6	63	30	1.15	1.35		PBR140
1.2	14.40 - 15.30	HTB12-144V	42.4	54	30	1.15	1.18		PBR140
1.2	14.40 - 15-30	HTG12-144V	42.8	65	30	1.15	1.18		PBR140
1.2	17.70 - 19.70	HTB12-177V	44.4	55	30	1.20	0.94		PBR220
1.2	17.70 - 19.70	HTG12-177V	44.8	66	30	1.20	0.94		PBR220
1.5	7.725- 8.275	HTB15-77V	39	52	30	1.12	1.12		UDR84
1.5	7.725- 8.275	HTG15-77V	39.4	62	30	1.12	1.75		UDR84
1.5	8.20 - 8.50	HTB15-82V	39.3	51	30	1.12	1.68		UDR84
1.5	8.20 - 8.50	HTG15-82V	39.7	63	30	1.12	1.68		UDR84
1.5	8.50 - 8.75	HTB15-85V	39.6	52	30	1.12	1.62		UDR84
1.5	8.50 - 8.75	HTG15-85V	40	63	30	1.12	1.62		UDR84
1.5	10.70 - 11.70	HTB15-107V	41.9	54	30	1.15	1.25		PBR100
1.5	10.70 - 11.70	HTG15-107V	42.3	65	30	1.15	1.25		PBR100
1.5	12.75 - 13.25	HTB15-127V	43.2	55	30	1.15	1.08		PBR140
1.5	12.75 - 13.25	HTB15-127V	43.6	65	30	1.15	1.08		PBR140
1.5	14.40 - 15.35	HTB15-144V	44.4	56	30	1.15	0.94		PBR140
1.5	14.40 - 15.35	HTG15-144V	44.8	67	30	1.15	0.94		PBR140
1.5	17.70 - 19.70	HTB15-177V	46.3	57	30	1.15	0.75		PBR220
1.5	17.70 - 19.70	HTG15-177V	46.8	68	30	1.15	0.75		PBR220

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Dia. (m)	Freq. (GHz.)	Model	Gain (dBi)	F/B (dB)	XPD (dB)	VSWR	Beam Width	Degr.	Flange
1.8	8.20 - 8.50	HTB18-82D	40.9	55	30	1.10	1.39		UDR84
1.8	8.20 - 8.50	HTG18-82D	41.4	67	30	1.10	1.39		UDR84
1.8	8.50 - 8.75	HTB18-85D	41.2	56	30	1.10	1.36		UDR84
1.8	8.50 - 8.75	HTG18-85D	41.6	67	30	1.10	1.36		UDR84
1.8	10.70 - 11.70	HTB18-107D	43.5	57	30	1.15	1.04		PBR100
1.8	10.70 - 11.70	HTG18-107D	43.9	68	30	1.15	1.04		PBR100
1.8	12.75 - 13.25	HTB18-127D	44.7	58	30	1.15	0.89		PBR140
1.8	12.75 - 13.25	HTG18-127D	45.2	69	30	1.15	0.89		PBR140
1.8	14.40 - 15.35	HTB18-144D	45.9	59	30	1.15	0.78		PBR140
1.8	14.40 - 15.35	HTG18-144D	46.4	70	30	1.15	0.78		PBR140
2.0	7.725- 8.275	HTB20-77D	41.5	53	30	1.10	1.31		UDR84
2.0	7.725- 8.275	HTG20-77D	41.9	64	30	1.10	1.31		UDR84
2.0	8.20 - 8.50	HTB20-82D	41.8	53	30	1.10	1.26		UDR84
2.0	8.20 - 8.50	HTG20-82D	42.2	65	30	1.10	1.26		UDR84
2.0	8.50 - 8.75	HTB20-85D	42.1	54	30	1.10	1.22		UDR84
2.0	8.50 - 8.75	HTG20-85D	42.5	65	30	1.10	1.22		UDR84
2.0	10.70 - 11.70	HTB20-107D	44.4	56	30	1.10	0.94		PBR100
2.0	10.70 - 11.70	HTG20-107D	44.8	67	30	1.10	0.94		PBR100
2.0	12.75 - 13.25	HTB20-127D	45.7	57	30	1.15	0.81		PBR140
2.0	12.75 - 13.25	HTG20-127D	46.1	68	30	1.15	0.81		PBR140
2.0	14.40 - 15.35	HTB20-144D	46.8	58	30	1.15	0.71		PBR140
2.0	14.40 - 15-35	HTG20-144D	47.2	69	30	1.15	0.71		PBR140

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Samples