

10.7 - 11.7 GHz

Type Number	Diameter ft (m)	Input Flanges	Regulatory Compliance †	Type Bottom	Gain, dBi Mid-Band	Gain, dBi Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
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**UHX® Ultra High Performance Antennas – TEGLAR® Long Life Radome Included**

Dual Polarized	<b>UHX4-107A</b>	4 (1.2)	<b>CPR90G</b>	A	40.0	40.4	40.8	1.6	33	70	1.08 (28.3)
	<b>UHX6-107J</b>	6 (1.8)	or	A	43.6	44.0	44.4	1.1	33	80	1.06 (30.7)
	<b>UHX8-107J</b>	8 (2.4)	PDR100	A	46.0	46.5	46.8	0.8	33	80	1.06 (30.7)
	<b>UHX10-107J</b>	10 (3.0)		A	47.6	48.0	48.3	0.7	33	82	1.06 (30.7)
	<b>UHX12-107J</b>	12 (3.7)		A	49.4	49.8	50.2	0.5	33	80	1.06 (30.7)



**HP High Performance Antennas – Hypalon (Except 4 ft is TEGLAR®) Radome Included**

Single Polarized	<b>HP4-107A</b>	4 (1.2)	<b>CPR90G</b>	A	40.0	40.4	40.8	1.6	30	61	1.08 (28.3)
	<b>HP6-107G</b>	6 (1.8)	or	A	43.6	44.0	44.4	1.0	30	70	1.06 (30.7)
	<b>HP8-107F</b>	8 (2.4)	PDR100	A	46.0	46.4	46.8	0.8	30	71	1.06 (30.7)
	<b>HP10-107F</b>	10 (3.0)		A	47.9	48.3	48.6	0.7	30	70	1.06 (30.7)
	<b>HP12-107G</b>	12 (3.7)		A	49.4	49.8	50.2	0.5	30	70	1.06 (30.7)
Dual Polarized	<b>HPX4-107A</b>	4 (1.2)	<b>CPR90G</b>	A	40.0	40.3	40.6	1.6	30	6.2	1.10 (26.4)
	<b>HPX6-107E</b>	6 (1.8)	or	A	43.6	44.0	44.4	1.0	30	70	1.08 (28.3)
	<b>HPX8-107C</b>	8 (2.4)	PDR100	A	46.0	46.4	46.8	0.8	30	70	1.06 (30.7)
	<b>HPX10-107C</b>	10 (3.0)		A	47.9	48.3	48.6	0.7	30	70	1.06 (30.7)
	<b>HPX12-107D</b>	12 (3.7)		A	49.4	49.8	50.2	0.5	30	72	1.06 (30.7)



**HSX High Performance Antennas – Super High Cross Polarization Discrimination**

Dual Polarized High XPD	<b>HSX4-107</b>	4 (1.2)	<b>CPR90G</b>	A	39.8	40.2	40.6	1.6	40	64	1.10 (26.4)
	<b>HSX6-107</b>	6 (1.8)	or	A	43.5	43.9	44.3	1.1	40	72	1.08 (28.3)
	<b>HSX8-107</b>	8 (2.4)	PDR100	A	46.0	46.5	46.8	0.8	40	75	1.06 (30.7)
	<b>HSX10-107</b>	10 (3.0)		A	47.8	48.2	48.6	0.7	40	75	1.06 (30.7)
	<b>HSX12-107</b>	12 (3.7)		A	49.2	49.6	50.3	0.5	40	80	1.06 (30.7)



**HDX High Performance, Dual Beam Antennas**

Dual Polarized	<b>HDX8-107</b>	8 (2.4)	<b>CPR90G</b>	A	47.6	47.9	48.1	0.8	26	78	1.10 (26.4)
	<b>HDX10-107</b>	10 (3.0)		A	47.6	47.9	48.1	0.8	22	78	1.10 (26.4)



**PAR Standard Antennas – Similar to P ( ) - 105 Series, except meet Category A**

Single Polarized	<b>PAR6-107</b>	6 (1.8)	<b>CPR90G</b>	A	43.2	43.6	44.0	1.1	30	60	1.06 (30.7)
	<b>PAR8-107</b>	8 (2.4)		A	45.8	46.2	46.6	0.8	30	63	1.06 (30.7)
	<b>PAR12-107</b>	12 (3.7)		A	49.4	49.8	50.2	0.5	30	62	1.06 (30.7)



**PL Standard Antennas**

Low VSWR Single Polarized	<b>PL4-107E</b>	4 (1.2)	<b>CPR90G</b>	B	40.1	40.5	40.9	1.6	30	46	1.08 (28.3)
	<b>PL6-107E</b>	6 (1.8)	or	B	43.6	44.0	44.4	1.0	30	51	1.06 (30.7)
	<b>PL8-107F</b>	8 (2.4)	PDR100	B	46.0	46.4	46.8	0.8	30	53	1.06 (30.7)
	<b>PL10-107F</b>	10 (3.0)		A	47.8	48.2	48.5	0.7	30	54	1.06 (30.7)
	<b>PL12-107G</b>	12 (3.7)		B	49.4	49.8	50.2	0.5	30	60	1.06 (30.7)
Dual Polarized	<b>PXL6-107C</b>	6 (1.8)	<b>CPR90G</b>	B	43.6	44.0	44.4	1.0	30	49	1.08 (28.3)
	<b>PXL8-107C</b>	8 (2.4)	or	B	46.0	46.4	46.8	0.8	30	50	1.06 (30.7)
	<b>PXL10-107C</b>	10 (3.0)	PDR100	B	47.9	48.3	48.6	0.7	30	52	1.06 (30.7)
	<b>PXL12-107D</b>	12 (3.7)		B	49.4	49.8	50.2	0.5	30	53	1.06 (30.7)



**VHP ValuLine® Antennas – High Performance**

Single Polarized	<b>VHP4-107A</b>	4 (1.2)	*	A	40.1	40.5	40.9	1.8	32	60	1.20 (20.8)‡
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\* IEC and EIA flanges are available for all ValuLine antennas. Contact Andrew for more information.

† U.S. FCC Parts 21 and 94. Part 101 will replace Parts 21 and 94 effective June, 1997.

‡ 1.15 (23.1) available on request