




7.125 - 7.750 GHz\*

	Type Number	Diameter ft (m)	Input Flanges	Bottom	Gain, dBi Mid-Band	Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
<b>P,PL PX PXL</b>  <b>Standard Antennas</b>										
Low VSWR	<b>PL4-71D</b>	4 (1.2)	<b>CPR137G,</b> UG-343B/U or PDR70	36.7	37.0	37.3	2.2	30	46	1.08 (28.3)
Single	<b>PL6-71E</b>	6 (1.8)		40.1	40.5	40.9	1.5	30	48	1.06 (30.7)
Polarized	<b>PL8-71E</b>	8 (2.4)		42.6	43.0	43.3	1.1	30	50	1.06 (30.7)‡
	<b>PL10-71F</b>	10 (3.0)		44.3	44.7	45.0	0.9	30	52	1.06 (30.7)‡
	<b>PL12-71H</b>	12 (3.7)		46.3	46.7	47.1	0.7	30	54	1.06 (30.7)‡
	<b>PL15-71E</b>	15 (4.6)		47.7	48.1	48.4	0.6	30	55	1.06 (30.7)‡
Low VSWR	<b>PL4-71GD</b>	4 (1.2)	<b>CPR112G,</b> UG-52B/U or PDR84	36.2	36.5	36.8	2.2	30	45	1.06 (30.7)
Single	<b>PL6-71GD</b>	6 (1.8)		39.7	40.0	40.3	1.5	30	48	1.06 (30.7)
Polarized	<b>PL8-71GE</b>	8 (2.4)		42.3	42.5	42.9	1.1	30	50	1.06 (30.7)‡
	<b>PL10-71GE</b>	10 (3.0)		44.1	44.5	44.8	0.9	30	52	1.06 (30.7)‡
	<b>PL12-71GF</b>	12 (3.7)		45.6	46.0	46.3	0.7	30	54	1.06 (30.7)‡
	<b>PL15-71GD</b>	15 (4.6)		47.5	47.8	48.2	0.6	30	57	1.06 (30.7)‡
Low VSWR	<b>PXL6-71E</b>	6 (1.8)	<b>CPR137G,</b> UG-343B/U or PDR70	40.0	40.4	40.7	1.5	30	48	1.07 (29.4)
Dual	<b>PXL8-71E</b>	8 (2.4)		42.4	42.9	43.2	1.1	30	50	1.06 (30.7)
Polarized	<b>PXL10-71F</b>	10 (3.0)		44.5	44.8	45.0	0.9	30	52	1.06 (30.7)
	<b>PXL12-71E</b>	12 (3.7)		45.7	46.1	46.4	0.7	30	54	1.06 (30.7)

<b>VHP</b>  <b>ValuLine® Antennas – High Performance</b>										
Single	<b>VHP2-71</b>	2 (0.6)	†	29.8	30.1	30.4	4.9	30	53	1.15 (23.1)**
Polarized	<b>VHP4-71</b>	4 (1.2)		36.0	36.4	36.7	2.4	32	60	1.15 (23.1)**
Dual	<b>VHPX2-71</b>	2 (0.6)	†	29.5	29.8	30.1	4.9	30	53	1.15 (23.1)**
Polarized	<b>VHPX4-71</b>	4 (1.2)		35.5	35.8	36.1	2.4	32	60	1.15 (23.1)**

<b>VP</b>  <b>ValuLine® Antennas – Standard Performance</b>										
Single	<b>VP2-71</b>	2 (0.6)	†	30.6	31.0	31.4	4.9	30	40	1.15 (23.1)**
Polarized	<b>VP4-71</b>	4 (1.2)		36.8	37.2	37.5	2.4	32	45	1.15 (23.1)**

\* 7.110-7.725 available on request.

\*\* 1.10 (26.4) available on request.

‡ 1.04 (34.2) available on request.

† IEC and EIA flanges are available for all ValuLine antennas. Contact Andrew for more information.