

5.925 - 6.425 GHz

Type Number	Diameter ft (m)	Input Flanges	Regulatory Compliance†	Gain, dBi 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>UHX6-59J</b>	6 (1.8)	<b>CPR137G</b>	A	38.4	38.8	39.1	1.8	33	75	1.06 (30.7)
	<b>UHX8-59H</b>	8 (2.4)	or	A	40.9	41.3	41.6	1.4	33	77	1.06 (30.7)
	<b>UHX10-59J</b>	10 (3.0)	PDR70	A	42.9	43.2	43.6	1.1	34	80	1.06 (30.7)
	<b>UHX12-59J</b>	12 (3.7)		A	44.4	44.8	45.2	0.9	35	80	1.06 (30.7)
	<b>UHX15-59H</b>	15 (4.6)		A	46.1	46.4	46.8	0.8	34	80	1.06 (30.7)

**HP HPX**  High Performance Antennas – Hypalon Radome Included

Single Polarized	<b>HP6-59H</b>	6 (1.8)	<b>CPR137G</b>	A	38.7	38.9	39.4	1.8	30	62	1.06 (30.7)
	<b>HP8-59E</b>	8 (2.4)	or	A	41.1	41.5	41.9	1.4	30	66	1.06 (30.7)‡
	<b>HP10-59E</b>	10 (3.0)	PDR70	A	42.9	43.3	43.6	1.1	30	69	1.06 (30.7)‡
	<b>HP12-59E</b>	12 (3.7)		A	44.7	45.0	45.2	0.9	30	71	1.06 (30.7)‡
	<b>HP15-59D</b>	15 (4.6)		A	46.1	46.4	46.8	0.8	30	71	1.06 (30.7)‡
Dual Polarized	<b>HPX6-59G</b>	6 (1.8)	<b>CPR137G</b>	A	38.4	38.8	39.1	1.8	30	65	1.07 (29.4)
	<b>HPX8-59E</b>	8 (2.4)	or	A	40.9	41.3	41.6	1.4	30	69	1.06 (30.7)
	<b>HPX10-59E</b>	10 (3.0)	PDR70	A	42.7	43.1	43.5	1.1	30	71	1.06 (30.7)
	<b>HPX12-59F</b>	12 (3.7)		A	44.4	44.8	45.2	0.9	30	71	1.06 (30.7)
	<b>HPX15-59E</b>	15 (4.6)		A	46.1	46.4	46.8	0.8	30	71	1.06 (30.7)

**NEW!**

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

Dual Polarized High XPD	<b>HSX6-59A</b>	6 (1.8)	<b>CPR137G</b>	A	38.4	38.8	39.1	1.8	40	72	1.07 (29.4)
	<b>HSX8-59A</b>	8 (2.4)		A	40.9	41.3	41.6	1.4	40	74	1.06 (30.7)
	<b>HSX10-59A</b>	10 (3.0)		A	42.5	42.9	43.2	1.1	40	76	1.06 (30.7)
	<b>HSX12-59A</b>	12 (3.7)		A	44.4	44.7	45.0	0.9	40	78	1.06 (30.7)
	<b>HSX15-59A</b>	15 (4.6)		A	46.3	46.6	46.9	0.8	40	79	1.06 (30.7)

**FP FPX**  Focal Plane Antennas

Single Polarized	<b>FP8-59</b>	8 (2.4)	<b>PDR70</b>	–	40.3	40.6	40.8	1.4	28	64	1.06 (30.7)
	<b>FP10-59</b>	10 (3.0)		–	42.5	42.8	42.9	1.1	28	66	1.04 (34.2)
	<b>FP12-59</b>	12 (3.7)		–	44.2	44.6	44.7	0.9	28	68	1.04 (34.2)
Dual Polarized	<b>FPX8-59</b>	8 (2.4)	<b>PDR70</b>	–	40.1	40.4	40.6	1.4	27	64	1.07 (29.4)
	<b>FPX10-59</b>	10 (3.0)		–	42.3	42.6	42.7	1.1	28	66	1.06 (30.7)
	<b>FPX12-59</b>	12 (3.7)		–	44.0	44.4	44.5	0.9	28	68	1.06 (30.7)

**NEW!**

**PAR**  Standard Antennas – Similar to PL ( ) -59 Series, Except Meet Category A

Single Polarized	<b>PAR6-59</b>	6 (1.8)	<b>CPR137G</b>	A	38.0	38.2	38.4	1.9	30	55	1.06 (30.7)
	<b>PAR8-59</b>	8 (2.4)	or	A	40.3	40.6	40.8	1.4	30	58	1.06 (30.7)
	<b>PAR10-59A</b>	10 (3.0)	PDR70	A	43.0	43.2	43.4	1.1	30	62	1.06 (30.7)
	<b>PAR12-59A</b>	12 (3.7)		A	44.2	44.6	44.9	0.9	30	63	1.06 (30.7)

**PL PXL**  Standard Antennas

Low VSWR Single Polarized	<b>PL4-59D</b>	4 (1.2)	<b>CPR137G,</b>	–	35.0	35.4	35.7	2.7	30	41	1.08 (28.3)
	<b>PL6-59D</b>	6 (1.8)	UG-343B/U	B	38.4	38.9	39.4	1.8	30	46	1.06 (30.7)
	<b>PL8-59D</b>	8 (2.4)	or PDR70	B	41.1	41.5	41.9	1.4	30	48	1.06 (30.7)‡
	<b>PL10-59D</b>	10 (3.0)		B	42.9	43.3	43.6	1.1	30	51	1.06 (30.7)‡
	<b>PL12-59E</b>	12 (3.7)		B	44.7	45.0	45.2	0.9	30	52	1.06 (30.7)‡
	<b>PL15-59D</b>	15 (4.6)		B	46.1	46.4	46.8	0.8	30	53	1.06 (30.7)‡
Low VSWR Dual Polarized	<b>PXL6-59E</b>	6 (1.8)	<b>CPR137G,</b>	B	38.4	38.7	39.1	1.8	30	46	1.07 (29.4)
	<b>PXL8-59D</b>	8 (2.4)	UG-343B/U	B	40.9	41.3	41.6	1.4	30	48	1.06 (30.7)
	<b>PXL10-59D</b>	10 (3.0)	or PDR70	B	42.7	43.1	43.5	1.1	30	49	1.06 (30.7)
	<b>PXL12-59F</b>	12 (3.7)		B	44.4	44.8	45.2	0.9	30	53	1.06 (30.7)
	<b>PXL15-59E</b>	15 (4.6)		B	46.1	46.4	46.8	0.8	30	54	1.06 (30.7)

† U.S. FCC Part 21. Part 101 will replace Part 21 effective June, 1997. †† Isolation is 50 dB minimum. ‡ 1.04 (34.2) available on request.