

5.925 - 6.425 GHz

Type	Diameter	Input	Regulatory	Gain, dBi	Beamwidth	Cross	F/B	VSWR
Number	ft (m)	Flanges	Compliance†	Bottom	Mid-Band	Pol. Disc., dB	Ratio	max.
					Top	Degrees	dB	(R.L., dB)

UHX



Ultra High Performance Antennas – TEGLAR® Long Life Radome Included

Dual Polarized	UHX6-59J	6 (1.8)	CPR137G	A	38.4	38.8	39.1	1.8	33	75	1.06 (30.7)
	UHX8-59H	8 (2.4)	or	A	40.9	41.3	41.6	1.4	33	77	1.06 (30.7)
	UHX10-59J	10 (3.0)	PDR70	A	42.9	43.2	43.6	1.1	34	80	1.06 (30.7)
	UHX12-59J	12 (3.7)		A	44.4	44.8	45.2	0.9	35	80	1.06 (30.7)
	UHX15-59H	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	HP6-59H	6 (1.8)	CPR137G	A	38.7	38.9	39.4	1.8	30	62	1.06 (30.7)
	HP8-59E	8 (2.4)	or	A	41.1	41.5	41.9	1.4	30	66	1.06 (30.7)‡
	HP10-59E	10 (3.0)	PDR70	A	42.9	43.3	43.6	1.1	30	69	1.06 (30.7)‡
	HP12-59E	12 (3.7)		A	44.7	45.0	45.2	0.9	30	71	1.06 (30.7)‡
	HP15-59D	15 (4.6)		A	46.1	46.4	46.8	0.8	30	71	1.06 (30.7)‡
Dual Polarized	HPX6-59G	6 (1.8)	CPR137G	A	38.4	38.8	39.1	1.8	30	65	1.07 (29.4)
	HPX8-59E	8 (2.4)	or	A	40.9	41.3	41.6	1.4	30	69	1.06 (30.7)
	HPX10-59E	10 (3.0)	PDR70	A	42.7	43.1	43.5	1.1	30	71	1.06 (30.7)
	HPX12-59F	12 (3.7)		A	44.4	44.8	45.2	0.9	30	71	1.06 (30.7)
	HPX15-59E	15 (4.6)		A	46.1	46.4	46.8	0.8	30	71	1.06 (30.7)

NEW!

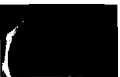
HSX



High Performance Antennas – Super High Cross Polarization Discrimination

Dual Polarized High XPD	HSX6-59A	6 (1.8)	CPR137G	A	38.4	38.8	39.1	1.8	40	72	1.07 (29.4)
	HSX8-59A	8 (2.4)		A	40.9	41.3	41.6	1.4	40	74	1.06 (30.7)
	HSX10-59A	10 (3.0)		A	42.5	42.9	43.2	1.1	40	76	1.06 (30.7)
	HSX12-59A	12 (3.7)		A	44.4	44.7	45.0	0.9	40	78	1.06 (30.7)
	HSX15-59A	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	FP8-59	8 (2.4)	PDR70	—	40.3	40.6	40.8	1.4	28	64	1.06 (30.7)
	FP10-59	10 (3.0)		—	42.5	42.8	42.9	1.1	28	66	1.04 (34.2)
	FP12-59	12 (3.7)		—	44.2	44.6	44.7	0.9	28	68	1.04 (34.2)
Dual Polarized	FPX8-59	8 (2.4)	PDR70	—	40.1	40.4	40.6	1.4	27	64	1.07 (29.4)
	FPX10-59	10 (3.0)		—	42.3	42.6	42.7	1.1	28	66	1.06 (30.7)
	FPX12-59	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	PAR6-59	6 (1.8)	CPR137G	A	38.0	38.2	38.4	1.9	30	55	1.06 (30.7)
	PAR8-59	8 (2.4)	or	A	40.3	40.6	40.8	1.4	30	58	1.06 (30.7)
	PAR10-59A	10 (3.0)	PDR70	A	43.0	43.2	43.4	1.1	30	62	1.06 (30.7)
	PAR12-59A	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	PL4-59D	4 (1.2)	CPR137G,	—	35.0	35.4	35.7	2.7	30	41	1.08 (28.3)
	PL6-59D	6 (1.8)	UG-343B/U	B	38.4	38.9	39.4	1.8	30	46	1.06 (30.7)
	PL8-59D	8 (2.4)	or PDR70	B	41.1	41.5	41.9	1.4	30	48	1.06 (30.7)‡
	PL10-59D	10 (3.0)		B	42.9	43.3	43.6	1.1	30	51	1.06 (30.7)‡
	PL12-59E	12 (3.7)		B	44.7	45.0	45.2	0.9	30	52	1.06 (30.7)‡
	PL15-59D	15 (4.6)		B	46.1	46.4	46.8	0.8	30	53	1.06 (30.7)‡
Low VSWR Dual Polarized	PXL6-59E	6 (1.8)	CPR137G,	B	38.4	38.7	39.1	1.8	30	46	1.07 (29.4)
	PXL8-59D	8 (2.4)	UG-343B/U	B	40.9	41.3	41.6	1.4	30	48	1.06 (30.7)
	PXL10-59D	10 (3.0)	or PDR70	B	42.7	43.1	43.5	1.1	30	49	1.06 (30.7)
	PXL12-59F	12 (3.7)		B	44.4	44.8	45.2	0.9	30	53	1.06 (30.7)
	PXL15-59E	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.