



Microwave Antennas

2.3 - 2.5 GHz

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



Focal Plane Antennas

Air Dielectric Single Polarized	FP4-23D	4 (1.2)	7/8" EIA	—	26.2	26.5	26.9	7.7	30	40	1.20 (20.8)
	FP6-23D	6 (1.8)		—	29.8	30.4	30.6	5.3	28	41	1.15 (23.1)
	FP8-23D	8 (2.4)		—	32.6	32.7	33.0	4.1	30	52	1.10 (26.4)
	FP10-23D	10 (3.0)		—	34.7	34.8	35.3	3.4	30	53	1.08 (28.3)
	FP12-23D	12 (3.7)		—	35.8	36.4	36.6	2.8	30	57	1.08 (28.3)
Dual Polarized	FPX6-23C	6 (1.8)	7/8" EIA	—	28.9	29.2	29.6	5.5	27	41	1.15 (23.1)
	FPX8-23C	8 (2.4)		—	31.5	31.8	32.3	4.1	28	52	1.10 (26.4)
	FPX10-23C	10 (3.0)		—	33.8	33.9	34.2	3.3	29	54	1.08 (28.3)
	FPX12-23C	12 (3.7)		—	35.5	35.6	35.9	2.7	30	56	1.08 (28.3)
F-Series Unpressurized Single Polarized	FP4F-23D	4 (1.2)	"F"	—	26.1	26.4	26.8	7.7	30	40	1.30 (17.7)
	FP6F-23D	6 (1.8)	Flange	—	29.7	30.3	30.5	5.3	28	41	1.25 (19.0)
	FP8F-23D	8 (2.4)	Female	—	32.5	32.6	32.9	4.1	30	52	1.20 (20.8)
	FP10F-23D	10 (3.0)		—	34.6	34.7	35.2	3.4	30	53	1.15 (23.1)
	FP12F-23D	12 (3.7)		—	35.7	36.3	36.5	2.8	30	57	1.15 (23.1)

PL



Standard Antennas

Low VSWR Air Dielectric Single Polarized	PL6-23D	6 (1.8)	7/8" EIA	—	30.5	30.8	31.2	4.8	28	36	1.10 (26.4)
	PL8-23D	8 (2.4)		—	33.0	33.4	33.7	3.5	30	39	1.08 (28.3)
	PL10-23D	10 (3.0)		—	34.9	35.3	35.7	2.8	30	42	1.08 (28.3)
	PL12-23D	12 (3.7)		—	36.5	37.0	37.2	2.5	30	44	1.08 (28.3)
F-Series Unpressurized Single Polarized	P2F-23A	2 (0.6)		—	20.1	20.5	20.9	12.8	24	25	1.25 (19.0)
	P4F-23F	4 (1.2)	"F"	—	26.9	27.3	27.6	6.9	32	36	1.20 (20.8)
	P6F-23E	6 (1.8)	Flange	—	30.4	30.8	31.2	4.7	32	36	1.20 (20.8)
	P8F-23E	8 (2.4)	Female	—	33.0	33.4	33.8	3.5	30	39	1.15 (23.1)
	P10F-23E	10 (3.0)		—	34.9	35.3	35.6	3.0	30	44	1.15 (23.1)
	P12F-23E	12 (3.7)		—	36.5	36.9	37.2	2.5	32	47	1.15 (23.1)

KP



GRIDPAK® Antennas**

Air Dielectric Single Polarized	KP4-23A	4 (1.2)	7/8" EIA	—	27.3	27.6	27.9	6.9	30	30	1.20 (20.8)
	KP6-23B	6 (1.8)		—	31.1	31.4	31.7	4.5	30	36	1.10 (26.4)
	KP8-23B	8 (2.4)		A	32.7	33.0	33.2	3.4	30	35	1.08 (28.3)
	KP10-23B	10 (3.0)		A	34.6	34.9	35.2	3.0	30	38	1.08 (28.3)
	KP13-23B	13 (4.0)		—	37.1	37.3	37.6	2.4	30	38	1.08 (28.3)
F-Series Unpressurized Single Polarized	KP4F-23A	4 (1.2)	"F" Flange	—	27.2	27.5	27.8	6.9	30	30	1.30 (17.7)
	KP6F-23B	6 (1.8)	Female, 7/8" EIA	—	31.0	31.3	31.6	4.5	30	36	1.20 (20.8)
	KP8F-23B	8 (2.4)	or	A	32.6	32.9	33.1	3.4	30	35	1.15 (23.1)
	KP10F-23B	10 (3.0)	Type N	A	34.5	34.8	35.1	3.0	30	38	1.15 (23.1)
	KP13F-23B	13 (4.0)	Female	—	37.0	37.2	37.5	2.4	30	38	1.15 (23.1)

† U.S. FCC Part 94, Category A. Also meets Industry Canada SRSP -302.2 Specification

** Factory assembly available for an additional charge.

Continued on next page