



Microwave Antennas

820 - 960 MHz

Type Number	Diameter ft (m)	Inputs	Bottom	Gain, dBi Mid-Band	Top	Beamwidth Vertical Horizontal		Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
KP		GRIDPAK® Antennas**								
Unpressurized	KP4F-820	4 (1.2)	Type N	17.5	18.2	18.8	15.9	17.2	28	24 1.4 (15.5)
Single	KP6F-820B	6 (2.0)	Female	21.8	22.6	23.2	9.5	10.8	30	28 1.4 (15.5)
Polarized	KP8F-820	8 (2.4)	or 7-16 DIN	23.4	24.1	24.7	8.0	9.0	34	25 1.35 (16.5)
	KP10F-820B	10 (3.0)	7/8" EIA, "F"	25.2	25.9	26.5	6.7	8.0	30	25 1.35 (16.5)
	KP13F-820C	13 (4.0)	Flange Female	27.3	28.0	28.6	4.9	5.8	36	30 1.35 (16.5)

MKP  Mini-GRIDPAK Antennas											
Unpressurized	MKP-820B	6.6 x 3.3	Type N	18.0	18.2	18.5	10.0	20.0	20	15	1.5 (14.0)
Single		(2 x 1)	Female								
Polarized											

** Factory assembly available for an additional charge.

890 - 960 MHz

	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)
	Standard Antennas										
Air Dielectric	P4-9C	4 (1.2)	7/8" EIA	B	18.1	18.4	18.7	19.5	8	21	1.3 (17.7)
Single	P6-9C	6 (1.8)		A	21.6	22.0	22.3	13.0	12	24	1.3 (17.7)
Polarized	P8-9C	8 (2.4)		A	24.1	24.4	24.8	9.8	15	27	1.3 (17.7)
	P10-9C	10 (3.0)		A	26.1	26.4	26.7	7.8	15	29	1.3 (17.7)
	P12-9E	12 (3.7)		A	27.7	28.0	28.3	6.5	15	30	1.3 (17.7)
	P15-9D	15 (4.6)	A	29.6	29.9	30.2	5.3	16	32	1.3 (17.7)	
Unpressurized	P6F-9	6 (1.8)	"F" Flange Female	A	21.5	21.9	22.2	13.0	12	24	1.3 (17.7)
Single	P8F-9	8 (2.4)		A	24.0	24.3	24.7	9.2	15	27	1.3 (17.7)
Polarized											

*U.S. FCC Part 94. Part 101 will replace Part 94 effective June, 1997.