



Microwave Antennas

1.85 - 1.99 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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UHP*



Ultra High Performance Antennas – TEGLAR® Long Life Radome Included

Air Dielectric	UHP8-18	8 (2.4)	7/8" EIA	A	30.8	31.1	31.4	4.8	33	62	1.08 (28.3)
Single	UHP10-18	10 (3.0)		A	32.6	33.0	33.3	4.2	32	62	1.08 (28.3)
Polarized	UHP12-18	12 (3.7)		A	34.4	34.7	35.0	3.3	32	66	1.08 (28.3)
F-Series	UHP8F-18	8 (2.4)	"F"	A	30.8	31.1	31.4	4.8	33	62	1.10 (26.4)
Unpressurized	UHP10F-18	10 (3.0)	Flange	A	32.6	33.0	33.3	4.2	32	62	1.10 (26.4)
Single	UHP12F-18	12 (3.7)	Female	A	34.4	34.7	35.0	3.3	32	66	1.10 (26.4)
Polarized											

HP



High Performance Antennas – Hypalon Radome Included

Air Dielectric	HP6-18A	6 (1.8)	7/8" EIA	B	28.5	28.8	29.1	6.0	30	45	1.10 (26.4)
Single	HP8-18A	8 (2.4)		A	31.0	31.3	31.6	4.5	30	50	1.08 (28.3)
Polarized	HP10-18A	10 (3.0)		A	33.0	33.3	33.6	3.7	30	50	1.08 (28.3)
	HP12-18A	12 (3.7)		A	34.5	34.8	35.1	3.2	30	55	1.08 (28.3)
	HP15-18A	15 (4.6)		A	36.4	36.7	37.0	2.3	30	58	1.08 (28.3)
F-Series	HP6F-18A	6 (1.8)	"F"	B	28.4	28.7	29.0	6.0	30	45	1.15 (23.1)
Unpressurized	HP8F-18	8 (2.4)	Flange	A	30.9	31.2	31.5	4.5	30	50	1.15 (23.1)
Single	HP10F-18	10 (3.0)	Female	A	32.9	33.2	33.5	3.7	30	50	1.15 (23.1)
Polarized	HP12F-18	12 (3.7)		A	34.4	34.7	35.0	3.2	30	55	1.15 (23.1)

**PL
PXL
P**



Standard Antennas

Low VSWR	PL6-18	6 (1.8)	7/8" EIA	B	28.5	28.8	29.1	6.0	30	36	1.10 (26.4)
Air Dielectric	PL8-18A	8 (2.4)		A	31.0	31.3	31.6	4.5	30	39	1.08 (28.3)
Single	PL10-18A	10 (3.0)		A	33.0	33.3	33.6	3.7	34	42	1.08 (28.3)
Polarized	PL12-18A	12 (3.7)		A	34.5	34.8	35.1	3.0	30	45	1.08 (28.3)
Low VSWR	PXL8-18D	8 (2.4)	7/8" EIA	A	31.0	31.2	31.5	4.6	28	43	1.10 (26.4)
Air Dielectric	PXL10-18D	10 (3.0)		A	32.9	33.1	33.6	3.7	28	46	1.10 (26.4)
Dual	PXL12-18D	12 (3.7)		A	34.5	34.7	35.2	3.0	28	48	1.10 (26.4)
Polarized											
F-Series	P4F-18D	4 (1.2)	"F"		24.5	24.8	25.1	9.5	30	30	1.15 (23.1)
Unpressurized	P6F-18C	6 (1.8)	Flange	B	28.4	28.7	29.0	6.0	30	36	1.15 (23.1)
Single	P8F-18C	8 (2.4)	Female	A	30.9	31.2	31.5	4.5	30	39	1.15 (23.1)
Polarized	P10F-18C	10 (3.0)		A	32.9	33.2	33.5	3.7	34	42	1.15 (23.1)

KP



GRIDPAK® Antennas**

Air Dielectric	KP4-18	4 (1.2)	7/8" EIA	—	24.7	25.7	26.5	8.6	31	32	1.20 (20.8)
Single	KP6-18	6 (1.8)		B	28.4	29.4	30.3	5.5	33	36	1.10 (26.4)
Polarized	KP8-18	8 (2.4)		A	30.8	31.1	31.4	4.2	35	39	1.08 (28.3)
	KP10-18	10 (3.0)		A	32.7	33.0	33.3	3.4	35	42	1.08 (28.3)
	KP13-18	13 (4.0)		A	34.4	35.4	36.3	3.0	30	40	1.08 (28.3)
	GPL15-18A***	15 (4.6)		A	36.3	36.6	36.9	2.3	40	46	1.08 (28.3)
F-Series	KP4F-18	4 (1.2)	"F" Flange	—	24.6	25.6	26.4	8.6	31	32	1.30 (17.7)
Unpressurized	KP6F-18	6 (1.8)	Female,	B	28.3	29.3	30.2	5.5	33	36	1.15 (23.1)
Single	KP8F-18	8 (2.4)	7/8" EIA or	A	30.7	31.0	31.3	4.2	35	39	1.15 (23.1)
Polarized	KP10F-18	10 (3.0)	Type N	A	32.6	32.9	33.2	3.4	35	42	1.15 (23.1)
	KP13F-18	13 (4.0)	Female	A	34.3	35.3	36.2	3.0	30	40	1.15 (23.1)
	GP15F-18***	15 (4.6)		A	36.3	36.6	36.9	2.3	40	46	1.15 (23.1)

† U.S. FCC Part 94.

** Factory assembly available for an additional charge.

*** 15 foot antennas are welded construction