

## 2.1 - 2.2 GHz

Type Number	Diameter ft (m)	Input Flanges	Regulatory Compliance†	Gain, dB Bottom	Gain, dB Mid-Band	Gain, dB Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
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### Ultra High Performance Antenna – TEGLAR® Long Life Radome Included

Air Dielectric Single Polarized	<b>UHP8-21</b> <b>UHP10-21</b> <b>UHP12-21</b>	8 (2.4) 10 (3.0) 12 (3.7)	<b>7/8" EIA</b>	A	31.9 33.7 35.4	32.1 33.9 35.6	32.3 34.0 35.8	4.2 3.6 2.9	32 33 32	61 64 65	1.08 (28.3) 1.08 (28.3) 1.08 (28.3)
Air Dielectric Dual Polarized	<b>UHX8-21</b> <b>UHX10-21A</b> <b>UHX12-21A</b>	8 (2.4) 10 (3.0) 12 (3.7)	<b>7/8" EIA</b>	A	31.9 33.8 35.4	32.1 34.0 35.6	32.3 34.2 35.8	4.2 3.6 2.8	30 32 32	58 62 67	1.10 (26.4) 1.10 (26.4) 1.10 (26.4)
F-Series Unpressurized Single Polarized	<b>UHP8F-21</b> <b>UHP10F-21</b> <b>UHP12F-21</b>	8 (2.4) 10 (3.0) 12 (3.7)	<b>"F" Flange Female</b>	A	31.9 33.7 35.4	32.1 33.9 35.6	32.3 34.0 35.8	4.2 3.6 2.9	32 33 32	61 64 65	1.10 (26.4) 1.10 (26.4) 1.10 (26.4)
F-Series Unpressurized Dual Polarized	<b>UHX8F-21</b> <b>UHX10F-21A</b> <b>UHX12F-21A</b>	8 (2.4) 10 (3.0) 12 (3.7)	<b>"F" Flange Female</b>	A	31.9 33.8 35.4	32.1 34.0 35.6	32.3 34.2 35.8	4.2 3.6 2.8	30 32 32	58 62 67	1.20 (20.8) 1.20 (20.8) 1.20 (20.8)



### High Performance Antennas – Hypalon Radome Included

Air Dielectric Single Polarized	<b>HP6-21B</b> <b>HP8-21B</b> <b>HP10-21B</b> <b>HP12-21B</b> <b>HP15-21B</b>	6 (1.8) 8 (2.4) 10 (3.0) 12 (3.7) 15 (4.6)	<b>7/8" EIA</b>	B A A A A	29.5 32.0 33.9 35.5 37.4	29.7 32.2 34.1 35.7 37.6	29.9 32.4 34.3 35.9 37.8	5.5 4.1 3.4 2.9 2.2	30 30 32 32 30	46 53 55 56 59	1.10 (26.4) 1.08 (28.3) 1.08 (28.3) 1.08 (28.3) 1.08 (28.3)
F-Series Unpressurized Single Polarized	<b>HP6F-21B</b> <b>HP8F-21A</b> <b>HP10F-21A</b> <b>HP12F-21A</b>	6 (1.8) 8 (2.4) 10 (3.0) 12 (3.7)	<b>"F" Flange Female</b>	B A A A	29.4 31.9 33.8 35.4	29.6 32.1 34.0 35.6	29.8 32.3 34.2 35.8	5.5 4.1 3.4 2.9	30 30 32 32	46 53 55 56	1.12 (24.9) 1.12 (24.9) 1.12 (24.9) 1.12 (24.9)



### Standard Antennas

Low VSWR Air Dielectric Single Polarized	<b>PL4-21C</b> <b>PL6-21C</b> <b>PL8-21A</b> <b>PL10-21A</b> <b>PL12-21A</b> <b>PL15-21A</b>	4 (1.2) 6 (1.8) 8 (2.4) 10 (3.0) 12 (3.7) 15 (4.6)	<b>7/8" EIA</b>	B A A A A A	26.4 29.8 32.0 33.9 35.5 37.4	26.6 30.0 32.2 34.1 35.7 37.6	26.8 30.2 32.4 34.3 35.9 37.8	7.6 4.9 4.1 3.3 2.8 2.2	30 30 30 30 30 30	36 39 40 44 46 50	1.15 (23.1) 1.10 (26.4) 1.08 (28.3) 1.08 (28.3) 1.08 (28.3) 1.08 (28.3)
F-Series Unpressurized Single Polarized	<b>P4F-21D</b> <b>P6F-21C</b> <b>P6F-21CB</b> <b>P8F-21C</b> <b>P10F-21C</b>	4 (1.2) 6 (1.8) 6 (1.8) 8 (2.4) 10 (3.0)	<b>"F" Flange Female</b>	B A B A A	26.4 29.8 29.5 32.3 34.0	26.6 30.0 29.7 32.5 34.2	26.8 30.2 29.9 32.7 34.4	7.6 4.9 5.3 3.8 3.4	30 30 30 30 30	36 39 37 40 44	1.15 (23.1) 1.12 (24.9) 1.12 (24.9) 1.12 (24.9) 1.12 (24.9)



### GRIDPAK® Antennas\*\*

Air Dielectric Single Polarized	<b>KP4-21</b> <b>KP6-21</b> <b>KP8-21</b> <b>KP10-21</b> <b>KP13-21</b> <b>GPL15-21A***</b>	4 (1.2) 6 (2.0) 8 (2.4) 10 (3.0) 13 (4.0) 15 (4.6)	<b>7/8" EIA</b>	– A A A A A	26.5 30.3 32.0 33.8 36.3 37.4	26.7 30.5 32.2 34.0 36.5 37.6	26.9 30.7 32.4 34.2 36.7 37.8	7.9 5.3 4.0 3.2 2.4 2.2	29 32 35 35 30 40	32 36 39 41 40 46	1.20 (20.8) 1.10 (26.4) 1.08 (28.3) 1.08 (28.3) 1.08 (28.3) 1.08 (28.3)
F-Series Unpressurized Single Polarized	<b>KP4F-21</b> <b>KP6F-21</b> <b>KP8F-21</b> <b>KP10F-21</b> <b>KP13F-21</b> <b>GP15F-21***</b>	4 (1.2) 6 (2.0) 8 (2.4) 10 (3.0) 13 (4.0) 15 (4.6)	<b>"F" Flange Female, 7/8" EIA or Type N Female</b>	B A A A A A	26.4 30.2 31.9 33.7 36.2 37.4	26.6 30.4 32.1 33.9 36.4 37.6	26.8 30.6 32.3 34.1 36.6 37.8	7.9 5.3 4.0 3.2 2.4 2.2	29 32 35 35 30 40	32 36 39 41 40 46	1.30 (17.7) 1.15 (23.1) 1.15 (23.1) 1.15 (23.1) 1.15 (23.1) 1.15 (23.1)

† U.S. FCC Part 94. FCC Standards for Common Carrier Service (Part 21).

\*\* Factory assembly available for an additional charge.

\*\*\* 15 foot antennas are welded construction