



## 1.9 - 2.3 GHz (see page 73 for 2.1-2.2 GHz)

Type Number	Diameter ft (m)	Input Flanges	Regulatory Compliance†	Gain, dBi Bottom	Gain, dBi Mid-Band	Gain, dBi 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, Air Dielectric – TEGLAR® Long Life Radome Included

Single	<b>UHP8-19A</b>	8 (2.4)	<b>7/8" EIA</b>	A	31.1	31.9	32.7	4.2	30	57	1.20 (20.8)
Polarized	<b>UHP10-19A</b>	10 (3.0)		A	32.9	33.7	34.5	3.6	30	60	1.20 (20.8)
	<b>UHP12-19A</b>	12 (3.7)		A	34.6	35.4	36.2	2.9	30	64	1.20 (20.8)
F-Series	<b>UHP8F-19A</b>	8 (2.4)	<b>"F"</b>	A	31.1	31.9	32.7	4.2	30	57	1.20 (20.8)
Unpressurized	<b>UHP10F-19A</b>	10 (3.0)	<b>Flange</b>	A	32.9	33.7	34.5	3.6	30	60	1.20 (20.8)
Single	<b>UHP12F-19A</b>	12 (3.7)	<b>Female</b>	A	34.6	35.4	36.2	2.9	30	64	1.20 (20.8)
Polarized											

### HP HPX® High Performance Antennas – Hypalon Radome Included

Air Dielectric	<b>HP6-19E</b>	6 (1.8)	<b>7/8" EIA</b>	B	28.6	29.5	30.4	5.5	25	46	1.10 (26.4)
Single	<b>HP8-19E</b>	8 (2.4)		A	31.1	32.0	32.9	4.1	30	50	1.10 (26.4)
Polarized	<b>HP10-19E</b>	10 (3.0)		A	33.0	33.9	34.8	3.3	30	53	1.10 (26.4)
	<b>HP12-19F</b>	12 (3.7)		A	34.6	35.5	36.4	2.8	30	57	1.10 (26.4)
	<b>HP15-19E</b>	15 (4.6)		A	36.5	37.4	38.3	2.2	30	59	1.10 (26.4)
Air Dielectric	<b>HPX8-19D</b>	8 (2.4)	<b>7/8" EIA</b>	A	31.1	32.0	32.9	4.1	28	48	1.10 (26.4)
Dual	<b>HPX10-19F</b>	10 (3.0)		A	33.0	33.9	34.8	3.3	28	53	1.10 (26.4)
Polarized	<b>HPX12-19E</b>	12 (3.7)		A	34.6	35.5	36.4	2.8	30	55	1.10 (26.4)
	<b>HPX15-19F</b>	15 (4.6)		A	36.5	37.4	38.3	2.2	28	56	1.10 (26.4)
F-Series	<b>HP6F-19D</b>	6 (1.8)	<b>"F"</b>	B	28.5	29.4	30.3	5.5	25	46	1.20 (20.8)
Unpressurized	<b>HP8F-19C</b>	8 (2.4)	<b>Flange</b>	A	31.0	31.9	32.8	4.1	30	50	1.15 (23.1)
Single	<b>HP10F-19C</b>	10 (3.0)	<b>Female</b>	A	32.9	33.8	34.7	3.3	30	53	1.15 (23.1)
Polarized	<b>HP12F-19C</b>	12 (3.7)		A	34.5	35.4	36.3	2.8	30	57	1.15 (23.1)
F-Series	<b>HPX8F-19</b>	8 (2.4)	<b>"F"</b>	A	31.1	32.0	32.9	4.1	28	48	1.20 (20.8)
Unpressurized	<b>HPX10F-19</b>	10 (3.0)	<b>Flange</b>	A	33.0	33.9	34.8	3.3	28	43	1.20 (20.8)
Dual			<b>Female</b>								
Polarized											

### FP FPX® Focal Plane Antennas

Air Dielectric	<b>FP8-19E</b>	8 (2.4)	<b>7/8" EIA</b>	–	30.6	31.5	32.3	4.1	30	50	1.10 (26.4)
Single	<b>FP10-19E</b>	10 (3.0)		–	32.3	33.2	34.1	3.3	30	53	1.10 (26.4)
Polarized	<b>FP12-19E</b>	12 (3.7)		–	33.9	34.8	35.7	2.8	30	55	1.10 (26.4)
Air Dielectric	<b>FPX8-19A</b>	8 (2.4)	<b>7/8" EIA</b>	–	30.4	31.2	32.0	4.1	25	47	1.10 (26.4)
Dual	<b>FPX10-19A</b>	10 (3.0)		–	32.3	33.1	33.9	3.3	29	52	1.10 (26.4)
Polarized	<b>FPX12-19A</b>	12 (3.7)		–	34.0	34.8	34.9	2.8	29	52	1.10 (26.4)
F-Series	<b>FP8F-19D</b>	8 (2.4)	<b>"F"</b>	–	30.5	31.4	32.2	4.1	30	50	1.20 (20.8)
Unpressurized	<b>FP10F-19D</b>	10 (3.0)	<b>Flange</b>	–	32.2	33.1	34.0	3.3	30	53	1.15 (23.1)
Single	<b>FP12F-19D</b>	12 (3.7)	<b>Female</b>	–	33.8	34.7	35.6	2.8	30	55	1.15 (23.1)
Polarized											

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

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