



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	UHP8-19A	8 (2.4)	7/8" EIA	A	31.1	31.9	32.7	4.2	30	57	1.20 (20.8)
Polarized	UHP10-19A	10 (3.0)		A	32.9	33.7	34.5	3.6	30	60	1.20 (20.8)
	UHP12-19A	12 (3.7)		A	34.6	35.4	36.2	2.9	30	64	1.20 (20.8)
F-Series	UHP8F-19A	8 (2.4)	"F"	A	31.1	31.9	32.7	4.2	30	57	1.20 (20.8)
Unpressurized	UHP10F-19A	10 (3.0)	Flange	A	32.9	33.7	34.5	3.6	30	60	1.20 (20.8)
Single	UHP12F-19A	12 (3.7)	Female	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	HP6-19E	6 (1.8)	7/8" EIA	B	28.6	29.5	30.4	5.5	25	46	1.10 (26.4)
Single	HP8-19E	8 (2.4)		A	31.1	32.0	32.9	4.1	30	50	1.10 (26.4)
Polarized	HP10-19E	10 (3.0)		A	33.0	33.9	34.8	3.3	30	53	1.10 (26.4)
	HP12-19F	12 (3.7)		A	34.6	35.5	36.4	2.8	30	57	1.10 (26.4)
	HP15-19E	15 (4.6)		A	36.5	37.4	38.3	2.2	30	59	1.10 (26.4)
Air Dielectric	HPX8-19D	8 (2.4)	7/8" EIA	A	31.1	32.0	32.9	4.1	28	48	1.10 (26.4)
Dual	HPX10-19F	10 (3.0)		A	33.0	33.9	34.8	3.3	28	53	1.10 (26.4)
Polarized	HPX12-19E	12 (3.7)		A	34.6	35.5	36.4	2.8	30	55	1.10 (26.4)
	HPX15-19F	15 (4.6)		A	36.5	37.4	38.3	2.2	28	56	1.10 (26.4)
F-Series	HP6F-19D	6 (1.8)	"F"	B	28.5	29.4	30.3	5.5	25	46	1.20 (20.8)
Unpressurized	HP8F-19C	8 (2.4)	Flange	A	31.0	31.9	32.8	4.1	30	50	1.15 (23.1)
Single	HP10F-19C	10 (3.0)	Female	A	32.9	33.8	34.7	3.3	30	53	1.15 (23.1)
Polarized	HP12F-19C	12 (3.7)		A	34.5	35.4	36.3	2.8	30	57	1.15 (23.1)
F-Series	HPX8F-19	8 (2.4)	"F"	A	31.1	32.0	32.9	4.1	28	48	1.20 (20.8)
Unpressurized	HPX10F-19	10 (3.0)	Flange	A	33.0	33.9	34.8	3.3	28	43	1.20 (20.8)
Dual			Female								
Polarized											

FP FPX® Focal Plane Antennas

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