





### 1.427 - 1.535 GHz

**Antenna Inputs.** All antenna VSWR values are specified with 7/8" EIA connectors. Other optional inputs may result in equal or slightly higher VSWR.

Contact Andrew for details.

**Pressurization.** Feeds are pressurizable to 10 lb/in<sup>2</sup> (70 kPa).



Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance					Gain, dBi			Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
			U.S. FCC 101	74	78	ETSI Class	ETSI Gain	Low	Mid-Band	Top				
<b>PL, P</b>		<b>Standard Antennas</b> – Standard and Low VSWR, Unpressurized Single Polarized <b>Antenna Inputs:</b> 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female												
P4F-15	4 (1.2)	1518	–	–	–	2	–	22.6	23.0	23.3	11.6	30	30	1.15 (23.1)
PL6F-15	6 (1.8)	1513	–	–	–	2	–	26.1	26.5	26.8	7.8	30	32	1.10 (26.4)
PL8F-15	8 (2.4)	1515	–	–	–	2	–	28.6	29.0	29.3	5.8	30	34	1.10 (26.4)
PL10F-15	10 (3.0)	1517	–	–	–	2	–	30.6	31.0	31.3	4.7	30	36	1.10 (26.4)
<b>KP</b>		<b>GRIDPAK® Antennas</b> – F Series Unpressurized Single Polarized <b>Antenna Inputs:</b> 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female												
KP4F-15	4 (1.2)	3826	–	–	–	–	–	23.1	23.4	23.7	11.0	31	28	1.30 (17.7)
KP6F-15	6 (2.0)	3978	–	–	–	2	–	26.8	27.1	27.4	7.2	32	31	1.20 (20.8)
KP8F-15	8 (2.4)	4096	–	–	–	–	–	28.4	28.7	29.0	6.2	30	32	1.20 (20.8)
KP10F-15	10 (3.0)	2969	–	–	–	2	–	30.4	30.7	31.0	4.7	34	33	1.15 (23.1)
KP13F-15	13 (4.0)	2980	–	–	–	2	–	32.8	33.1	33.4	3.8	30	40	1.15 (23.1)

### 1.7 - 2.11 GHz

**Antenna Inputs.** All antenna VSWR values are specified with 7/8" EIA connectors. Other optional inputs may result in equal or slightly higher VSWR.

Contact Andrew for details.

**Pressurization.** Feeds are pressurizable to 10 lb/in<sup>2</sup> (70 kPa), except FPX Series 3 lb/in<sup>2</sup> (20 kPa).

Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance					Gain, dBi			Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
			U.S. FCC 101	74	78	ETSI Class	ETSI Gain	Low	Mid-Band	Top				
<b>HP</b>		<b>High Performance Antennas</b> – Unpressurized Single Polarized <b>Antenna Inputs:</b> 7/8" EIA and "F" Flange Female												
HP6F-17	6 (1.8)	1370	–	–	–	2	–	27.7	28.6	29.6	6.0	25	44	1.10 (26.4)
HP8F-17	8 (2.4)	2252	A	A	–	2	–	30.2	31.1	32.0	4.5	30	50	1.10 (26.4)
HP10F-17	10 (3.0)	2254	A	A	–	2	–	32.1	33.1	34.1	3.7	34	52	1.10 (26.4)
HP12F-17	12 (3.7)	2256	A	A	–	2	–	33.7	34.6	35.6	3.0	30	56	1.10 (26.4)
HP15F-17	15 (4.6)	1381	A	A	–	2	–	35.7	36.6	37.5	2.4	30	58	1.10 (26.4)
<b>PL, P</b>		<b>Standard Antennas</b> – Standard and Low VSWR, Unpressurized Single Polarized <b>Antenna Inputs:</b> 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female												
P2F-17	2 (1.8)	4344	–	–	–	–	–	18.2	19.7	19.9	15.3*	21	22	1.50 (14.0)
P4F-17	4 (1.2)	2298	–	–	–	2	–	23.9	24.8	25.7	9.0	30	30	1.20 (20.8)
PL6F-17	6 (1.8)	2274	B	B	–	2	–	27.7	28.6	29.5	6.0	30	36	1.10 (26.4)
PL8F-17	8 (2.4)	2276	A	A	–	2	–	30.2	31.1	32.0	4.5	30	39	1.10 (26.4)
PL10F-17	10 (3.0)	2278	A	A	–	2	–	32.1	33.1	34.0	3.7	34	42	1.10 (26.4)
PL12F-17	12 (3.7)	2280	A	A	–	2	–	33.7	34.6	35.5	3.0	30	45	1.10 (26.4)
PL15F-17	15 (4.6)	1377	A	A	–	2	–	35.7	36.6	37.5	2.4	30	48	1.10 (26.4)

Reference ETSI Document EN300631 for 1 to 3 GHz

\*Horizontal = 16.9 degrees