






2.3 - 2.5 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/in² (20 kPa), except FPX Series 3 lb/in² (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			ETSI								
			101	74	78	Class	Gain	Low	Mid-Band	Top				
PL, P		Standard Antennas – Unpressurized Single Polarized Standard and Low VSWR Antenna Inputs: 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female												
P2F-23	2 (0.6)	3014	-	-	-	-	-	20.8	21.6	22.0	12.0**	21	24	1.50 (14.0)
P4F-23	4 (1.2)	2198	B	-	-	2	-	26.9	27.3	27.6	6.9	32	36	1.20 (20.8)
PL6F-23	6 (1.8)	2188	B	-	-	2	-	30.4	30.8	31.2	4.7	32	36	1.10 (26.4)
PL8F-23	8 (2.4)	2190	A	-	-	2	-	33.0	33.4	33.8	3.5	30	39	1.08 (28.3)
PL10F-23	10 (3.0)	2192	A	-	-	2	-	34.9	35.3	35.6	3.0	30	44	1.08 (28.3)
PL12F-23	12 (3.7)	2194	A	-	-	2	-	36.5	36.9	37.2	2.5	32	47	1.08 (28.3)
KP		GRIDPAK® Antennas – F-Series Unpressurized Single Polarized Antenna Inputs: 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female												
KP3F-23	3 (0.9)	3394	-	-	-	-	-	24.7	25.1	25.3	8.1	38	30	1.20 (20.8)
KP4F-23	4 (1.2)	3837	-	-	-	-	-	27.2	27.5	27.8	6.9	30	30	1.20 (20.8)
KP6F-23	6 (2.0)	4082	B	-	-	-	-	31.0	31.3	31.6	4.5	30	36	1.10 (26.4)
KP8F-23	8 (2.4)	4126	B	-	-	-	-	32.6	32.9	33.1	3.4	30	35	1.08 (28.3)
KP10F-23	10 (3.0)	2975	B	-	-	-	-	34.5	34.8	35.1	3.0	30	38	1.08 (28.3)
KP13F-23	13 (4.0)	2986	B	-	-	-	-	37.0	37.2	37.5	2.4	30	38	1.08 (28.3)
KPR		GRIDPAK® Antennas – F-Series Unpressurized Single Polarized Antenna Inputs: 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female												
KPR3F-23	2 (0.6)	2345	-	-	-	-	-	24.2	23.6	23.6	7.9***	25	24	1.35 (16.5)
KPR4F-23	4 (1.2)	2348	-	-	-	-	-	26.9	27.3	27.6	6.2****	28	30	1.35 (16.5)
KPR6F-23	6 (2.0)	2349	-	-	-	-	-	30.8	31.3	31.2	4.2	30	35	1.35 (16.5)
KPR8F-23	8 (2.4)	2350	-	-	-	-	-	32.3	32.4	32.7	3.1*****	30	36	1.30 (17.7)
KPR10F-23	10 (3.0)	2351	-	-	-	-	-	33.5	33.7	34.0	2.9	30	38	1.30 (17.7)
KPR13F-23	13 (4.0)	2352	A	-	-	-	-	36.5	36.8	37.0	2.3	30	40	1.30 (17.7)

2.3 - 2.7 GHz

KP  **GRIDPAK®/Antennas/Wide Band** – Unpressurized Single Polarized
Antenna Inputs: 7/8" EIA, "F" Flange Female, Type N Female, and 7-16 DIN Female

KP4F-23W	4 (1.2)	6230	-	-	-	-	-	27.1	27.7	28.5	6.5	30	30	1.30 (17.7)
KP6F-23W	6 (2.0)	6231	-	-	-	-	-	30.9	31.5	32.3	4.2	30	35	1.25 (19.0)
KP8F-23W	8 (2.4)	6232	-	-	-	-	-	32.5	33.0	33.7	3.3	30	35	1.20 (20.8)
KP10F-23W	10 (3.0)	6233	-	-	-	-	-	34.4	35.0	35.8	2.8	30	38	1.20 (20.8)
KP13F-23W	13 (4.0)	6234	-	-	-	-	-	36.9	37.4	37.9	2.3	30	38	1.20 (20.8)

Reference ETSI Document EN300631 for 1 to 3 GHz

* 3 lb/in² (20 kPa) maximum ** Horizontal = 13.3 degrees *** Horizontal = 8.7 degrees **** Horizontal = 6.7 degrees ***** Horizontal = 3.4 degrees