



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)
			101	U.S. FCC 74	78	ETSI Class	ETSI Gain	Low							
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)	
FPX, FP		Focal Plane Antennas – Dual Polarized Antenna Input: 7/8" EIA													
FPX6-23*	6 (1.8)	6945	–	–	–	2	–	28.9	29.2	29.6	5.5	27	41	1.15 (23.1)	
FPX8-23*	8 (2.4)	6949	–	–	–	2	–	31.5	31.8	32.3	4.1	28	52	1.10 (26.4)	
FPX10-23*	10 (3.0)	6917	B	–	–	2	–	33.8	33.9	34.2	3.3	29	54	1.08 (28.3)	
FPX12-23*	12 (3.7)	6919	B	–	–	2	–	35.5	35.6	35.9	2.7	30	56	1.08 (28.3)	
Focal Plane Antennas – Unpressurized Single Polarized Antenna Inputs: 7/8" EIA and "F" Flange Female															
FP4F-23	4 (1.2)	6954	–	–	–	2	–	26.1	26.4	26.8	7.7	30	40	1.20 (20.8)	
FP6F-23	6 (1.8)	6938	A	–	–	2	–	29.7	30.3	30.5	5.3	28	41	1.10 (26.4)	
FP8F-23	8 (2.4)	6942	A	–	–	2	–	32.5	32.6	32.9	4.1	30	52	1.08 (28.3)	
FP10F-23	10 (3.0)	6914	A	–	–	2	–	34.6	34.7	35.2	3.4	30	53	1.08 (28.3)	
FP12F-23	12 (3.7)	6916	A	–	–	2	–	35.7	36.3	36.5	2.8	30	57	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