



6.425 - 7.125 GHz *

Antenna Inputs. All antenna VSWR values are specified with CPR and PDR flanges. Other optional flanges may result in equal or slightly higher VSWR. Contact Andrew for details.
Pressurization. Feeds are pressurizable to 10 lb/in² (70 kPa), except LBX Series 8 lb/in² (56 kPa).

Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance					Gain, dBi	Low	Mid-Band	Top	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								
PXL PL		Standard Antennas – Dual Polarized Antenna Input: CPR137G, PDR70, and UG-343B/U													
PXL6-65	6 (1.8)	2634	B	B	–	–	–	39.1	39.4	39.9	1.7	30	47	1.07 (29.41)	
PXL8-65	8 (2.4)	2636	B	B	–	–	–	41.6	42.0	42.4	1.3	34	52	1.06 (30.7)	
PXL10-65	10 (3.0)	2683	A	A	–	1	2	43.6	44.0	44.4	1.0	34	58	1.06 (30.7)	
PXL12-65	12 (3.7)	2641	A	A	–	1	2	45.0	45.4	45.9	0.8	30	62	1.06 (30.7)	
PXL15-65	15 (4.6)	2640	B	B	–	–	–	46.6	46.9	47.3	0.7	30	59	1.06 (30.7)	
Standard Antennas – Single Polarized Antenna Input: CPR137G, PDR70, and UG-343B/U															
PL4-65	4 (1.2)	2622	B	–	–	–	–	35.8	36.3	36.7	2.5	30	43	1.08 (28.3)	
PL6-65	6 (1.8)	4451	B	B	–	–	–	39.5	39.9	40.2	1.7	30	47	1.06 (30.7)	
PL8-65	8 (2.4)	4459	B	B	–	–	–	42.0	42.4	42.8	1.3	30	49	1.06 (30.7)	
PL10-65	10 (3.0)	4467	B	A	–	–	–	43.6	43.9	44.3	1.0	30	52	1.06 (30.7)	
PL12-65	12 (3.7)	4475	B	–	–	1	2	45.2	45.6	46.1	0.8	30	53	1.06 (30.7)	
PL15-65	15 (4.6)	4483	B	B	–	1	2	47.0	47.4	47.7	0.7	30	54	1.06 (30.7)	
FPX FP		Focal Plane Antennas – Dual Polarized Antenna Input: CPR137G and PDR70													
FPX6-64	6 (1.8)	6126	B	A	–	1	2	38.0	38.4	38.6	1.8	28	57	1.08 (28.3)	
FPX8-64	8 (2.4)	6127	A	A	–	2	2	40.8	41.2	41.4	1.3	30	64	1.07 (29.4)	
FPX10-64	10 (3.0)	6129	A	A	–	2	2	43.0	42.4	42.8	1.0	30	66	1.06 (30.7)	
FPX12-64	12 (3.7)	6131	A	A	–	2	2	44.8	45.2	45.4	0.8	30	68	1.06 (30.7)	
Focal Plane Antennas – Single Polarized Antenna Input: CPR137G and PDR70															
FP6-64	6 (1.8)	6117	A	A	–	1	2	38.2	38.6	38.8	1.8	28	57	1.07 (29.4)	
FP8-64	8 (2.4)	6119	A	A	–	2	2	41.1	41.5	41.8	1.3	30	64	1.06 (30.7)	
FP10-64	10 (3.0)	6122	A	B	–	1	2	43.2	43.4	43.6	1.0	27	66	1.04 (34.2)	
FP12-64	12 (3.7)	6123	A	A	–	2	2	44.9	45.3	45.5	0.8	30	68	1.04 (34.2)	
LBX		Low Back Lobe Antennas – Dual Polarized Antenna Input: CPR137G													
Regulatory Compliance***															
LBX6-65**	6 (1.8)	834-2	–	–	B	–	–	39.1	39.6	40.0	1.7	33	54	1.07 (30.7)	
LBX8-65**	8 (2.4)	825-3	–	–	B	–	–	41.5	42.0	42.4	1.3	33	60	1.06 (30.7)	
LBX10-65**	10 (3.0)	826-1	–	–	B	–	–	43.1	43.6	44.0	1.0	33	65	1.06 (30.7)	
LBX12-65**	12 (3.7)	827-1	–	–	B	–	–	44.8	45.3	45.7	0.8	33	63	1.06 (30.7)	

Reference ETSI Document EN300833 for 3 to 60 GHz

*Multiband antennas available in this frequency band. See pages 93-94.

**8 lb/in² (56 kPa) maximum

***ANATEL Brazilian Telecommunications Agency, Regulation 1286 Category

6.875-7.125 GHz, See PAR6-65