






7.75 - 8.40 GHz \*

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							
<b>HP</b>		<b>High Performance Antennas – Single Polarized</b> Antenna Inputs: CPR112G and PDR84												
HP4-77	4 (1.2)	2858	-	-	-	2	2	36.8	37.2	37.5	2.2	30	63	1.06 (30.7)
HP6-77	6 (1.8)	3763	-	-	-	2	2	40.3	40.8	41.1	1.5	30	68	1.06 (30.7)
HP8-77	8 (2.4)	3765	-	-	-	2	2	42.9	43.3	43.6	1.1	30	68	1.06 (30.7)
HP10-77	10 (3.0)	2868	-	-	-	2	2	44.8	45.2	45.5	0.9	30	70	1.06 (30.7)
HP12-77	12 (3.7)	3767	-	-	-	3	2	46.3	46.7	47.1	0.7	30	71	1.06 (30.7)
HP15-77	15 (4.6)	3768	-	-	-	-	-	48.2	48.5	48.9	0.6	30	71	1.06 (30.7)
<b>PL</b>		<b>Standard Antennas – Single Polarized</b> Antenna Inputs: CPR112G and PDR84												
PL4-77	4 (1.2)	3716	-	-	-	-	-	36.8	37.2	37.5	2.2	30	45	1.06 (30.7)
PL6-77	6 (1.8)	3721	-	-	-	-	-	40.3	40.8	41.1	1.5	30	48	1.06 (30.7)
PL8-77	8 (2.4)	2760	-	-	-	-	-	42.9	43.3	43.6	1.1	30	50	1.06 (30.7)
PL10-77	10 (3.0)	2747	-	-	-	1	2	44.8	45.2	45.5	0.9	30	58	1.06 (30.7)
PL12-77	12 (3.7)	2748	-	-	-	1	2	46.3	46.7	47.1	0.7	30	54	1.06 (30.7)
PL15-77	15 (4.6)	2763	-	-	-	1	2	48.2	48.5	48.9	0.6	30	57	1.06 (30.7)
<b>FPX FP</b>		<b>Focal Plane Antennas – Dual Polarized</b> Antenna Inputs: CPR112G and PDR84												
FPX6-77	6 (1.8)	6161	-	-	-	1	2	40.2	40.4	40.6	1.5	30	58	1.08 (28.3)
		<b>Focal Plane Antennas – Single Polarized</b> Antenna Inputs: CPR112G and PDR84												
FP6-77	6 (1.8)	6150	-	-	-	1	2	40.2	40.6	40.8	1.5	30	60	1.07 (29.4)
FP8-77	8 (2.4)	6151	-	-	-	1	2	42.9	43.3	43.5	1.1	26	64	1.06 (30.7)
FP10-77	10 (3.0)	6153	-	-	-	2	2	44.9	45.3	45.4	0.9	30	66	1.04 (34.2)
FP12-77	12 (3.7)	6155	-	-	-	2	2	46.5	46.9	47.0	0.7	28	68	1.04 (34.2)

Reference ETSI Document EN300833 for 3 to 60 GHz

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

