

7.100 – 8.500 GHz - High Performance

Features:

- 7.100 – 8.500 GHz Band
- Solids & High Performance models.
- Single Polarized models.
- mWAVE - "Best In Class" Quality and Dependability .
- Type N / CPR112G / UBR84 / others available on request.
- Feeds allow for easy installation and inspection.
- mWAVE antennas meet or exceed Standard ANSI/TIA-222.
- 2-ft. (0.6-m) and 3-ft. 0.9-m models are supplied integrated mount assembly.
- Optional Wind Braces available.
- Production gray reflector is standard. Optional colors available.
- Antenna radome is white without logo.



7.100 – 8.500 GHz

Electrical Specifications

Model No.	Frequency GHz	Pol.	Size		Mnt.	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m		Low	Mid	High					
High Performance – Single Polarized – Type N													
HRP2-71-N	7.100 – 8.500	LP	2	0.6	SM	30.0	30.7	31.5	4.5	28	50	1.25:1	19.1
HRP3-71-N	7.100 – 8.500	LP	3	0.9	SM	34.7	35.2	35.9	3.0	30	58	1.25:1	19.1
HRP4-71-N	7.100 – 8.500	LP	4	1.2	SM	36.3	37.0	37.8	2.3	30	60	1.25:1	19.1
HRP6-71-N	7.100 – 8.500	LP	6	1.8	SM	39.7	40.5	41.2	1.5	30	65	1.25:1	19.1
High Performance – Single Polarized – CPR-112G													
HRP2-71-CP	7.100 – 8.500	LP	2	0.6	SM	30.0	30.7	31.5	4.5	28	50	1.25:1	19.1
HRP3-71-CP	7.100 – 8.500	LP	3	0.9	SM	34.7	35.2	35.9	3.0	30	58	1.25:1	19.1
HRP4-71-CP	7.100 – 8.500	LP	4	1.2	SM	36.3	37.0	37.8	2.3	30	60	1.25:1	19.1
HRP6-71-CP	7.100 – 8.500	LP	6	1.8	SM	39.7	40.5	41.2	1.5	30	65	1.25:1	19.1
High Performance – Single Polarized – UBR-84													
HRP2-71-UB	7.100 – 8.500	LP	2	0.6	SM	30.0	30.7	31.5	4.5	28	50	1.25:1	19.1
HRP3-71-UB	7.100 – 8.500	LP	3	0.9	SM	34.7	35.2	35.9	3.0	30	58	1.25:1	19.1
HRP4-71-UB	7.100 – 8.500	LP	4	1.2	SM	36.3	37.0	37.8	2.3	30	60	1.25:1	19.1
HRP6-71-UB	7.100 – 8.500	LP	6	1.8	SM	39.7	40.5	41.2	1.5	30	65	1.25:1	19.1

Note:
Meets U.S. NTIA Standards where applicable.
Lower VSWR / Return Loss options available.

7100-8500-MWAVE-HRP-180112.R0

All specifications are subject to change without notice.