

## Features

- mWAVE - "Best In Class" Quality and Dependability.
- Linear Polarization (field adjustable for horizontal or vertical polarization) & Dual Polarization
- Sturdy aluminum construction reflector, shroud, and mount assembly
- All corrosion resistant materials, galvanized and stainless steel hardware.
- Fine azimuth and elevation adjustment
- Type N Feed Input, 50 Ohm impedance
- Feeds allow for easy installation and inspection.
- Mounting Pipe Diameters:
  - 2 ft (.6m) and 3 ft (.9m) 1.9-4.5" OD (48-114mm)
  - 4 ft (1.2m) & 6 ft (1.8m) 4.5" OD (114mm)
- mWAVE antennas meet or exceed Standard ANSI/TIA-222.



mWAVE's High Performance series of antennas feature enhanced electrical and customizable mechanical features and are constructed for years of uninterrupted operation.

## Electrical Specifications

Frequency GHz	Model No.	Pol.	Size		Mnt.	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m.		Low	Mid	High					
<b>High Performance – Single Polarized – Type N</b>													
4.940-4.990	HRP2-54-N	SP	2	0.6	SM	26.3			7.0	25	46	1.5:1	14.0
5.250-5.850						28.3			6.2	25	43	1.5:1	14.0
4.940-4.990	HRP3-54-N	SP	3	0.9	SM	29.8			4.5	28	47	1.5:1	14.0
5.250-5.850						31.1			4.0	28	45	1.5:1	14.0
4.940-4.990	HRP4-54-N	SP	4	1.2	SM	32.2			3.4	28	50	1.5:1	14.0
5.250-5.850						34.2			3.0	28	48	1.5:1	14.0
4.940-4.990	HRP6-54-N	SP	6	1.8	SM	35.8			2.2	28	54	1.5:1	14.0
5.250-5.850						37.4			2.0	28	52	1.5:1	14.0
<b>High Performance – Dual Polarized – Type N</b>													
4.940-4.990	HRPD2-54-N	DP	2	0.6	SM	26.1			7.0	25	46	1.5:1	14.0
5.250-5.850						28.1			6.2	25	43	1.5:1	14.0
4.940-4.990	HRPD3-54-N	DP	3	0.9	SM	29.6			4.5	28	47	1.5:1	14.0
5.250-5.850						30.9			4.0	28	45	1.5:1	14.0
4.940-4.990	HRPD4-54-N	DP	4	1.2	SM	32.0			3.4	28	50	1.5:1	14.0
5.250-5.850						34.0			3.0	28	48	1.5:1	14.0
4.940-4.990	HRPD6-54-N	DP	6	1.8	SM	35.6			2.2	28	54	1.5:1	14.0
5.250-5.850						37.2			2.0	28	52	1.5:1	14.0

**Notes:** N = N-Female Connector Non-Pressurized  
 \* Optional input connectors available.  
 SM = Standard Mount.  
 Product Specifications are subject to change without notice

Designed, Engineered, and Manufactured in Windham, ME USA  
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Form: 4.940-5.850-GHz-High Performance\_220908.R0-DS

