

## 5.250 - 5.875 GHz Circular Polarized Parabolic Antennas

*Designed to deliver performance for decades*

### Features

- Advanced RF and mechanical construction.
- Circular Polarization - LHCP, RHCP and dual circular
- Sturdy aluminum construction reflector and pipe mount.
- All corrosion resistant materials, galvanized and stainless steel hardware.
- Mount features a fine azimuth and elevation adjustment.
- Type N or SMA Female Connector, 50 Ohm impedance
- Mounts to 1.9 - 4.5" OD pipe (48 - 114mm)
- Optional radome available.
- Antenna Survival Ratings: 1 inch (25mm) of ice and 125 mph (201 kmh) wind.
- All mWAVE antennas meet or exceed Standard ANSI/TIA-222.



Above is the RPCR shown without radome. To the right is the same model with the optional radome.



### Electrical Specifications

Frequency GHz	Model No.	Pol.	Size		Reg.	Gain, nominal dBi			HPBW Deg.	AR dB	F/B dB	VSWR max	R.L. dB
			ft.	m.		Low	Mid	High					
<b>Perforated Parabolic – Single Polarized – Type N</b>													
5.250-5.875	RPCR2-56-N	RHCP	2	0.6	1	27.7	28.3	28.6	5.9	3	30	1.50:1	14.0
	RPCL2-56-N	LHCP	2	0.6	1	27.7	28.3	28.6	5.9	3	30	1.50:1	14.0
	RPCR3-56-N	RHCP	3	0.9	1	31.2	31.9	32.2	4.0	3	30	1.50:1	14.0
	RPCL3-56-N	LHCP	3	0.9	1	31.2	31.9	32.2	4.0	3	30	1.50:1	14.0

#### Notes:

- 1.) Radiation Pattern conforms to ETSI EN 302 078 Class TS1 (Table 4)

All specifications are subject to change without notice.  
Designed, Engineered, and Manufactured in Windham, ME USA  
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Form: 5.250-5.875-GHz\_CP Parabolic\_RPCxx-56N-N\_230213.R1 DS

