

Millimeter-wave - 57.0 - 66.0 GHz High Performance Antennas

Designed for performance, built to last

Features

- Superior Radiation Efficiency
- Linear Polarization
- Integrated direct waveguide connect design options available
- 1-ft. (0.3m) - Sturdy weather resistant plastic reflector.
2-ft. (0.6m) and 3-ft (0.9m) - Sturdy aluminum 1-piece construction reflector, shroud assembly
- Weather resistant radome included
- Compact, rugged aluminum mount design using corrosion resistant materials, stainless steel hardware
- Superior fine azimuth and elevation adjustment
- Optional sight alignment tool available
- Fully pre-assembled, ready to install
- HRP1-600 – 14 lbs (6.35 kg)
- HRP2-600 – 20 lbs (9.07 kg)
- HRP3-600 – 36 lbs (16.32 kg)



mWAVE's field proven Millimeter-wave High Performance antennas are state of the art designs that feature superior electrical and innovative mechanical features delivering many years of uninterrupted operation. Unless otherwise noted these models have a survival rating is 125 mph (201 kmh) wind with 1 inch (25mm) of ice.

Electrical Specifications

Frequency GHz	Model No.	Pol.	Size		Reg.	Gain, nominal dBi			HPBW Deg.	XPD dB	F/B dB	VSWR max	R.L. dB
			ft.	m.		Low	Mid	High					
High Performance – Linear Polarized													
57.0 - 66.0	HRP1-600	H/V	1	0.3	-	41.2	42.0	42.4	1.1	>35	>62	1.4:1	15.6
	HRP2-600	H/V	2	0.6	-	47.2	48.0	48.3	0.6	>35	>68	1.4:1	15.6
	HRP3-600	H/V	3	0.9	-	52.0	52.5	52.8	0.4	>35	>72	1.4:1	15.6

Note:

1. Optional Dual Pol adapter is available
2. For customer specific regulatory requirements contact mWAVE.

Designed, Engineered, and Manufactured in Windham, ME USA
mWAVE Industries is part of the Alaris Holdings Group of Companies.
© mWAVE Industries LLC - 2023 All rights reserved

Form: 57.0-66.0-GHz-High Performance MMW Series_230104.R1-DS

