



38 GHz (37.0 - 40.0) HIGH-PERFORMANCE MICROWAVE ANTENNAS

FEATURES

- **Antenna diameters**
 - 1' (30 cm)
 - 1.5' (45 cm)
 - 2' (60 cm)
- **Antenna weights**
 - 1' 17 lbs. (7.7 kg)
 - 1.5' 19 lbs. (8.6 kg)
 - 2' 27 lbs. (12.2 kg)
- **HP models:** high-performance, plane polarized
- **HPD models:** dual polarized
- **IEC or EIA flanges available**
- **Direct mounting** for RF units available
- **Ease of installation:** antennas shipped completely assembled, minimal mount required
- **Planar radomes** standard with high-performance model
- **Rugged and lightweight** cast aluminum mount with fine adjustment for both azimuth and elevation
- **Compact size,** due to Radio Waves innovative feed design
- **Standard white;** other colors and/or logos available on request
- **Corrosive resistant:** coated aluminum, hot dipped galvanized steel and stainless steel
- **Three year warranty**



37.0 - 40.0 GHz ELECTRICAL SPECIFICATIONS (typical performance)*

Model Number	Diameter ft (cm)	Gain, dBi			Beamwidth Degrees, 3dB	X Pol. Disc., dB	F/B Ratio, dB	VSWR Max. (R.L., dB)
		Low	Mid	High				
Plane Polarized								
HPLP1-38	1 (30)	39.0	39.3	39.7	1.7	30	58	1.4:1 (15.5)
HPLP1.5-38	1.5 (45)	41.1	41.9	42.3	1.3	30	60	1.4:1 (15.5)
HP2-38	2 (60)	44.0	44.3	44.7	1.0	30	72	1.4:1 (15.5)

* All specifications subject to change without notice.
For regulatory compliances, contact Radio Waves.