



# 26, 28, & 38 GHz HIGH-PERFORMANCE LOW PROFILE MICROWAVE ANTENNAS

## FEATURES

- **Antenna diameters**
  - 1' (30 cm)
- **Antenna weights**
  - 3 lbs. (1.4 kg), without mount
  - 15 lbs. (6.8kg), including mount
- **HPLP1 model**; high-performance parabolic, plane 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**: mount materials are coated aluminum, hot dipped galvanized steel and stainless steel (300 series)
- **Three year warranty**



## 26, 28, & 38 GHz ELECTRICAL SPECIFICATIONS (typical performance)\*

Model Number	Frequency GHz	Gain, dBi			Beamwidth Degrees, 3dB	X Pol. Disc., dB	F/B Ratio, dB	VSWR Max. (R.L., dB)
		Low	Mid	High				
<b>Plane Polarized</b>								
HPLP1-26	24.25 - 26.50	35.7	36.1	36.5	2.6	30	55	1.4:1 (15.5)
HPLP1-28	27.5 - 31.3	36.0	36.5	37.0	2.4	30	56	1.4:1 (15.5)
HPLP1-38	37.0 - 40.0	39.0	39.3	39.7	1.7	30	58	1.4:1 (15.5)
<b>Dual Polarized</b>								
HPLPD1-26	24.25 - 26.50	35.5	35.9	36.3	2.6	30	55	1.4:1 (15.5)
HPLPD1-28	27.5 - 31.3	35.8	36.3	36.8	2.4	30	56	1.4:1 (15.5)
HPLPD1-38	37.0 - 40.0	38.8	39.0	39.2	1.7	30	58	1.4:1 (15.5)

\* All specifications subject to change without notice.

For regulatory compliances, contact Radio Waves.