

11 GHz (10.7 - 11.7) HIGH-PERFORMANCE MICROWAVE ANTENNAS

FEATURES

- **Antenna diameters**
 - 2' (60 cm)
 - 3' (90 cm)
 - 4' (120 cm)
 - 6' (180 cm)
- **Antenna weights**
 - 2' 27 lbs. (12.2 kg)
 - 3' 50 lbs. (22.5 kg)
 - 4' 85 lbs. (38.3 kg)
 - 6' 120 lbs. (54.0 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**



10.7 - 11.7 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								
HP2-11	2 (60)	33.0	33.4	33.8	3.4	30	61	1.4:1 (15.5)
HP3-11	3 (90)	36.5	36.9	37.3	2.2	30	64	1.4:1 (15.5)
HP4-11	4 (120)	39.0	39.4	39.8	1.7	30	67	1.4:1 (15.5)
HP6-11	6 (180)	42.1	42.5	42.9	1.0	30	70	1.4:1 (15.5)
Dual Polarized								
HPD2-11	2 (60)	32.8	33.2	33.6	3.4	30	61	1.4:1 (15.5)
HPD3-11	3 (90)	36.3	36.7	37.1	2.2	30	64	1.4:1 (15.5)
HPD4-11	4 (120)	38.8	39.2	39.6	1.7	30	67	1.4:1 (15.5)
HPD6-11	6 (180)	39.9	42.3	42.8	1.0	30	70	1.4:1 (15.5)

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