

18 GHz (17.7 - 19.7) STANDARD PARABOLIC ANTENNAS

FEATURES

- **Antenna diameters**
 - 2' (60 cm)
 - 3' (90 cm)
 - 4' (120 cm)
- **Antenna weights**
 - 2' 22 lbs. (9.9 kg)
 - 3' 35 lbs. (15.8 kg)
 - 4' 60 lbs. (27.0 kg)
- **SP models:** standard parabolic, plane polarized
- **SPD models:** dual polarized
- **IEC or EIA flanges available**
- **Direct mounting** for RF units available
- **Ease of installation:** antennas shipped completely assembled, minimal mount required
- **Optional molded radomes;** radomes shipped factory installed.
- **Rugged and lightweight** cast aluminum mount with fine adjustment for both azimuth and elevation
- **Standard white;** other colors and/or logos available on request
- **Corrosive resistant:** coated aluminum, hot dipped galvanized steel and stainless steel
- **Three year warranty**



17.7 - 19.7 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								
SP2-18	2 (60)	38.2	38.6	39.0	2.0	30	47	1.4:1 (15.5)
SP3-18	3 (90)	41.6	42.0	42.4	1.3	30	50	1.4:1 (15.5)
SP4-18	4 (120)	44.1	44.5	44.9	1.0	30	53	1.4:1 (15.5)
Dual Polarized								
SPD2-18	2 (60)	38.0	38.4	38.8	2.0	30	47	1.4:1 (15.5)
SPD3-18	3 (90)	41.4	41.8	42.2	1.3	30	50	1.4:1 (15.5)
SPD4-18	4 (120)	43.9	44.3	44.7	1.0	30	53	1.4:1 (15.5)

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