

Winncom Technologies Corp.

5.8 GHz Directional Antennas

5.8 GHz Directional Antennas Radiate and Receive RF signals Optimized in a specific direction.

P/N: **WRSPD6-5.2**

37.5 dBi 6' Parabolic Dish Directional Dual Polarized Antenna, 5.25 - 5.85 GHz ISM band

Standard microwave antennas consist of a parabolic shaped reflector spun from a sheet of aluminum. The parabolic shape focuses energy at the feed point of the antenna. These parabolic antennas have a narrow focused beam of energy and relatively high gain compared to many other types of antennas. These antennas will have a mounting system to attach the antenna to a pipe, tower leg and/or a specific radio, in some cases.

Features:

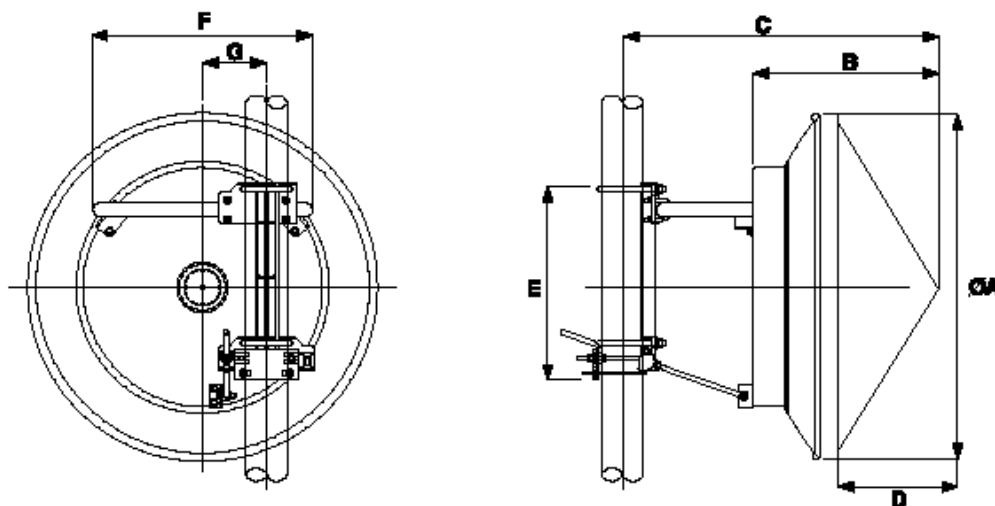
- Antenna diameters: 6' (180 cm)
- Lightweight and rugged design
- Easily installed
- RF Connector Interface: Type "N" female
- Standard color white: other colors available on request
- Radome standard on 1' and 1.5' models, optional for all other models



Electrical Specifications

Frequency, GHz	Polarization	Gain, dBi (nominal)	Beamwidth -3dB	X-Pol. Rejection, dB	F/B Ratio dB	VSWR, Max (R.L., dB)
5.25 - 5.85	Dual	37.5	2.1	30	46	1.5:1 (14.0)

Dimensions



Diameter	A	B	C	D	E	F	G
6 ft (180 cm)	70.0 (177.8)	26.9 (68.3)	41.1 (104.4)	13.8 (35.1)	21.1 (53.3)	25.7 (65.3)	7.0 (17.8)