

WADE ANTENNA LTD.

P250-2.4W 2.4 GHz Panel Antenna

Description:

The Panel antenna is completely enclosed in a rugged fibreglass radome. The radome provides protection from the environment and prevents de-tuning of the antenna due to ice. The antenna can be mounted directly to a flat surface or pipe mounted to permit horizontal adjustment. Side **reflector panels** can be installed to alter the mean width to 60, 90, or 120 degrees without the reflector panels. The antenna can be mounted directly to a flat surface using our wall mount accessory or pipe mounted with the U-bolts supplied.

Application:

Large area, **multiple** point network. Wide antenna beam width (**up to 120 deg.**) to reach multiple points.

*wall mounts sold separately.

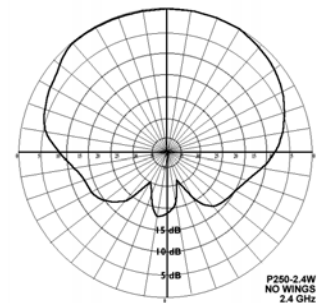
SPECIFICATIONS:

ELECTRICAL			
Frequency	2.4 - 2.5 GHz	2.4 - 2.5 GHz	2.4 - 2.5 GHz
Gain	14 dBi	12.8 dBi	11 dBi
Impedance	50 Ohm	50 Ohm	50 Ohm
VSWR	Less than 1.5:1 +/- 4 Less than 2.0:1 +/- 7	Less than 1.5:1 +/- 4 Less than 2.0:1 +/- 7	Less than 1.5:1 +/- 4 Less than 2.0:1 +/- 7
F/B Ratio	28 dB	24 dB	18 dB
Polarization	Vertical	Vertical	Vertical
HPBW "E" plane	21 degrees	21 degrees	21 degrees
HPBW "H" plane	60 degrees	90 degrees	120 degrees
Cross Pol Rejection	>20 dB	>20 dB	>20 dB
Terminal Type	N female	N female	N female
Maximum Input Power	90 Watts	90 Watts	90 Watts

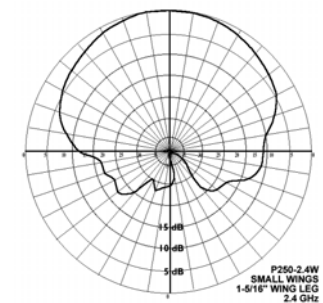
MECHANICAL			
Length (in.)	13.38"	13.38"	13.38"
Width (in.)	7.30	6.85	4.50
Depth (in.)	2.50	2.50	2.50
Mounting	Wall/Tube/Pipe Mount 1 5/8 O.D. Mast	Wall/Tube/Pipe Mount 1 5/8 O.D. Mast	Wall/Tube/Pipe Mount 1 5/8 O.D. Mast
Housing	Aluminum	Aluminum	Aluminum
Radome	Fibreglass, White, UV Stabilized	Fibreglass, White, UV Stabilized	Fibreglass, White, UV Stabilized
Weight	2.0 lbs. (0.8 kg)	2.0 lbs. (0.8 kg)	2.0 lbs. (0.8 kg)
Wind Area (Sq. Ft.)	0.62	0.55	0.293



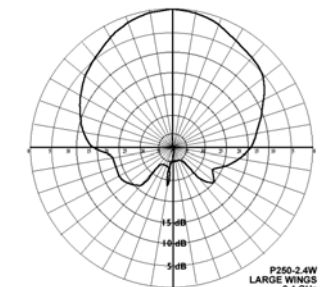
Mounting
Detail



NO WINGS



SMALL WINGS



LARGE WINGS