

WADE ANTENNA LTD.



P250-2.4W



MOUNTING DETAIL



P250-2.4W *

2.4 GHz Panel Antennas:

P250-2.4W
P250-2.4-110

NOW UP TO 135°!

DESCRIPTION

The Panel antenna is completely enclosed in a rugged ABS 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. Optional side **reflector panels** can be installed to alter the mean width to 60°, 90°, 120°, or 135°. Tilt mount is also available - **P250T**.

APPLICATION

Large area, **multiple** point network. Wide antenna beam width (**up to 135°**) to reach multiple points.

* Wall mount option not available on this model.

All other models require BTA or 2157 wall mount.

SPECIFICATIONS

ELECTRICAL

MODEL	P250-2.4W	P250-2.4W	P250-2.4-110	P250-2.4W*	P250-2.4W*
FREQUENCY	2500 MHz ± 4%	2500 MHz ± 4%	2500 MHz ± 4%	2500 MHz ± 4%	2500 MHz ± 4%
GAIN	14 dBi	12.3 dBi	11.4 dBi	10.9 dBi	10.0 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
VSWR	LESS THAN 1.5:1 ± 4%	LESS THAN 1.5:1 ± 4%	LESS THAN 1.5:1 ± 4%	LESS THAN 1.5:1 ± 4%	LESS THAN 1.5:1 ± 4%
	LESS THAN 2.0:1 ± 7%	LESS THAN 2.0:1 ± 7%	LESS THAN 2.0:1 ± 7%	LESS THAN 2.0:1 ± 7%	LESS THAN 2.0:1 ± 7%
F/B RATIO	30 dB	28 dB	25 dB	25 dB	25 dB
POLARIZATION	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL
HPBW "E" PLANE	21 DEGREES	21 DEGREES	21 DEGREES	21 DEGREES	21 DEGREES
"H" PLANE	60 DEGREES	90 DEGREES	110 DEGREES	120 DEGREES	135 DEGREES
CROSS POL REJECTION	> 20 dB	> 20 dB	> 20 dB	> 20 dB	> 20 dB
TERMINAL TYPE	N FEMALE	N FEMALE	N FEMALE	N FEMALE	N FEMALE
MAXIMUM INPUT POWER	90 WATTS	90 WATTS	90 WATTS	90 WATTS	90 WATTS

MECHANICAL

LENGTH (in.)	12.5	12.5	12.5	12.5	12.5
WIDTH (in.)	9.75	6.85	4.25	6.85	9.75
DEPTH (in.)	3.25	3.25	3.25	3.25	3.25
MOUNTING	WALL/TUBE/PIPE	WALL/TUBE/PIPE	WALL/TUBE/PIPE	TUBE/PIPE	TUBE/PIPE
	MOUNT 2" O.D. MAX	MOUNT 2" O.D. MAX	MOUNT 2" O.D. MAX	MOUNT 2" O.D. MAX	MOUNT 2" O.D. MAX
HOUSING	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
RADOME	ABS, WHITE, UV STABILIZED	ABS, WHITE, UV STABILIZED	ABS, WHITE, UV STABILIZED	ABS, WHITE, UV STABILIZED	ABS, WHITE, UV STABILIZED
WEIGHT	2.0 LBS (0.8 KG)	2.0 LBS (0.8 KG)	1.5 LBS (0.6 KG)	2.0 LBS (0.8 KG)	2.0 LBS (0.8 KG)
WIND AREA (SQ. FT)	0.88	0.63	0.39	0.63	0.88

Wade Antenna's ongoing policy of continuing development may result in specification changes to its products.