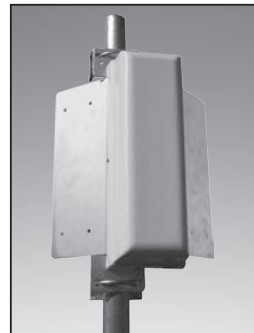




P250-3.5W



MOUNTING DETAIL



P250-3.5W *

3.5 GHZ PANEL ANTENNAS

- P250-3.5W
- P250-3.5

NOW UP TO 135°!

DESCRIPTION

This Sectoral Panel antenna is designed for the licensed 3.5 GHz WiMax frequency band. The antenna acts as a base station or cell site for a multiple point network. The reflector panels can be installed to change the beam width. See the specifications chart below for more details.

SPECIFICATIONS

Electrical

MODEL	P250-3.5W	P250-3.5W	P250-3.5	P250-3.5W*	P250-3.5W*
FREQUENCY	3.3 - 3.8 GHz	3.3 - 3.8 GHz	3.3 - 3.8 GHz	3.3 - 3.8 GHz	3.3 - 3.8 GHz
GAIN	15.2 dBi	13.5 dBi	12.6 dBi	12.1 dBi	11.2 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
VSWR	LESS THAN 1.5:1	LESS THAN 1.5:1	LESS THAN 1.5:1	LESS THAN 1.5:1	LESS THAN 1.5:1
F/B RATIO	30 dB	28 dB	25 dB	25 dB	25 dB
POLARIZATION	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL
HPBW "E" PLANE	16 DEGREES	16 DEGREES	16 DEGREES	16 DEGREES	16 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	100 WATTS	100 WATTS	100 WATTS	100 WATTS	100 WATTS

Mechanical

MODEL	Y2410	Y2413	Y2414-HP	Y2413	Y2414-HP
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	UP TO 2" O.D. MAST or WALL	UP TO 2" O.D. MAST or WALL	UP TO 2" O.D. MAST or WALL	UP TO 2" O.D. MAST	UP TO 2" O.D. MAST
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.

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