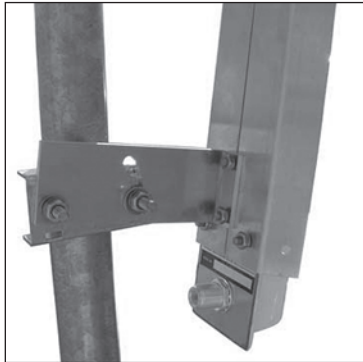




P250-5.8W



MOUNTING DETAIL

4.9 -5.8 GHZ PANEL ANTENNAS:

- **P250-5.8**

The new Wade Sector Panel Antenna is broadband covering the Public Safety Band (4.9 GHz) through to the Wi-Fi 5.8 GHz band. This light weight, compact Sectoral Panel has a fibreglass cover for superiority durability. The reflector wings are adjustable to provide the optimum RF pattern for each installation. The mounting bracket provides a tilting feature to focus your signal and improved performance.

APPLICATION

- Wi-Fi
- Wireless Internet cell site/base station
- Point-to-Multipoint wireless networks
- 802.11
- WiMax
- Wireless LAN

SPECIFICATIONS

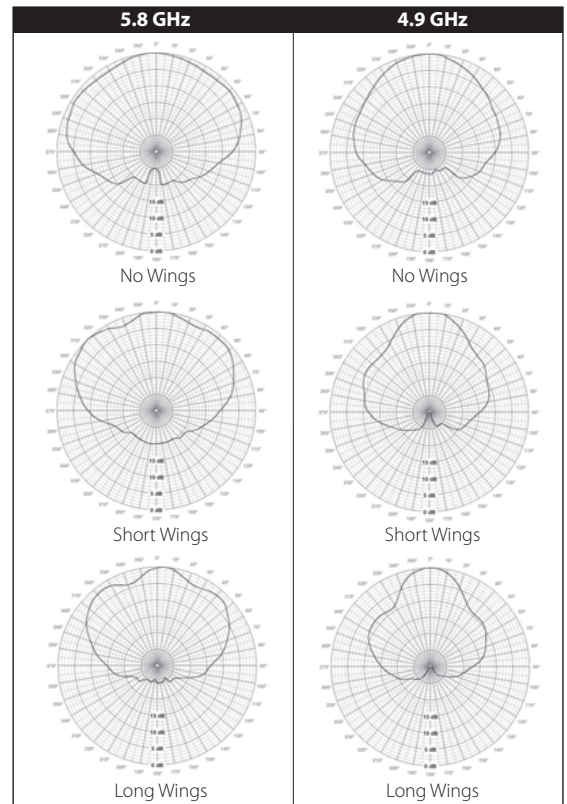
ELECTRICAL

MODEL	LONG			SHORT			NO WINGS		
	P250-5.8			P250-5.8			P250-5.8		
FREQUENCY	4.9 GHz	5.3 GHz	5.8 GHz	4.9 GHz	5.3 GHz	5.8 GHz	4.9 GHz	5.3 GHz	5.8 GHz
GAIN	21.5 dBi	18.7 dBi	17 dBi	19.5 dBi	16.9 dBi	15.3 dBi	17.6 dBi	15.8 dBi	14.4 dBi
HPBW "H" PLANE	36°	69°	100°	48°	87°	126°	72°	114°	156°
HPBW "E" PLANE	11°			11°			11°		
IMPEDANCE	50 Ohm			50 Ohm			50 Ohm		
VSWR	LESS THAN 2:1			LESS THAN 2:1			LESS THAN 2:1		
F/B RATIO	30 dB			28 dB			25 dB		
POLARIZATION	VERTICAL			VERTICAL			VERTICAL		
CROSS POL REJECTION	> 20 dB			> 20 dB			> 20 dB		
TERMINAL TYPE	N FEMALE			N FEMALE			N FEMALE		
MAXIMUM INPUT POWER	100 WATTS			100 WATTS			100 WATTS		

MECHANICAL

	LONG	SHORT	NO WINGS
	LENGTH (in.)	13.75	13.75
WIDTH (in.)	4.05	4.05	4.05
DEPTH (in.)	6.125	6.125	6.125
MOUNTING	WALL/TUBE/PIPE MOUNT 2" O.D. MAX	WALL/TUBE/PIPE MOUNT 2" O.D. MAX	WALL/TUBE/PIPE MOUNT 2" O.D. MAX
HOUSING	ALUMINUM	ALUMINUM	ALUMINUM
RADOME	FIBERGLASS, WHITE, UV STABILIZED	FIBERGLASS, WHITE, UV STABILIZED	FIBERGLASS, WHITE, UV STABILIZED
WEIGHT	1.6 LBS (0.72 KG)	1.6 LBS (0.72 KG)	1.6 LBS (0.72 KG)
WIND AREA (SQ. FT)	0.54	0.54	0.54

ANTENNA PATTERNS



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

WADE Antenna Inc.

29 Sharp Road
 Brantford, Ontario, N3T 5L8 Canada
 Tel: 519.756.7157
 Fax: 519.756.5056

(800) 463-1607
 sales@wadeantenna.com

www.wadeantenna.com