

4.9 - 6.1 GHz High Gain Dual Polarized/Dual Slant Antenna

PA5-0530-DP



6 GHz, 30 dBi, 5.2° Dual Polarized antenna designed to provide full coverage for the 5GHz frequency band

- Dual Slant when mounted diagonally
- Stable and Efficient performance
- High Gain
- Polycarbonate UV protected radome
- Durable construction allows harsh weather installations
- Flexible mounting for Azimuth /Elevation adjustment & 45° turn installation

Technical Specifications

ELECTRICAL			
FREQUENCY RANGE	4.9-5.15 GHz	5.15-5.875 GHz	5.875-6.1 GHz
GAIN			
VERTICAL POLARIZATION	28.5±0.5 dBi	29±0.5 dBi	28.5±0.5 dBi
HORIZONTAL POLARIZATION	28±0.5 dBi	28.5±0.5 dBi	28±1 dBi
VSWR, MAX.	2:1	1.7:1	2:1
POLARIZATION	Dual Polarization Vertical & Horizontal		
DUAL POLE	Dual Polarization Vertical & Horizontal		
DUAL SLANT (OPTIONAL)	± 45°		
3DB BEAM WIDTH, H-PLANE, TYPICAL	5.2°	4.7°	4.4°
3DB BEAM WIDTH, E-PLANE, TYPICAL	5.2°	4.7°	4.4°
SIDE LOBES, MIN.	ETSI TS3		
CROSS POLARIZATION, MIN.			
VERTICAL POLARIZATION	-26dB	-23dB	-23dB
HORIZONTAL POLARIZATION	-25dB	-23dB	-20dB
FRONT TO BACK RATIO, MIN.	ETSI TS3		
PORT TO PORT ISOLATION, TYPICAL	-30dB		

INPUT POWER, MAX.	10 Watt
INPUT IMPEDANCE	50 Ohm
LIGHTNING PROTECTION	DC Grounded
MECHANICAL	
DIMENSIONS (HXWXD)	600 x 600 x 22 mm (23.5"x 23.5"x0.9" inch)
WEIGHT	4.7kg
CONNECTOR	2x N-Type Female
BACK PLANE	Aluminum, protected through chemical passivation
RADOME	UV Protected, Polycarbonate
MOUNT	MNT-60
ENVIRONMENTAL	
OPERATING TEMPERATURE RANGE	- 40°C TO + 65°C
VIBRATION	According to IEC 60721-3-4
WIND LOAD	200km/h (survival)
FLAMMABILITY	UL94
WATER PROOFING	IP-67
HUMIDITY	ETS 300 019-1-4,EN 302 085 (ANNEX A.1.1)
SALT FOG	According to IEC 68-2-11

ABOUT PROXIM WIRELESS:

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