4.9 - 5.875 GHz Dual Polarized Antenna

PA5-0823-DP

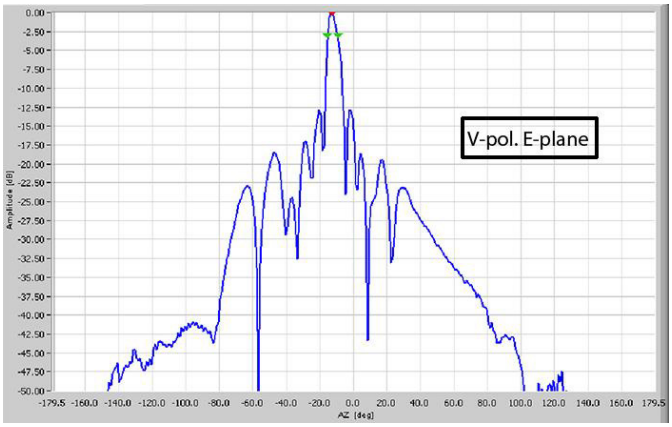
5 GHz, 23.5 dBi, 8° Panel Antenna

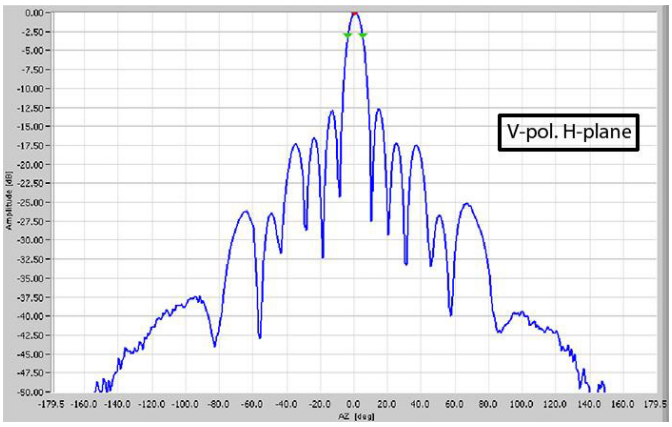
- Efficient and stable performance
- High gain/size ratio
- Light weight and durable construction
- UV protected radome made of polycarbonate allowing for harsh weather installations
- Easy mounting allowing for Azimuth and Elevation adjustment
- Dual Polarity (H/V) or dual slant (+/- 45°) installation

Technical Specifications

ELECTRICAL		MECHANICAL	
FREQUENCY RANGE	4.9 - 5.875 GHz	DIMENSIONS (HXWXD)	370 x 370 x 40 mm (14.5” x14.5” x1.6”)
GAIN	23.5 dBi	WEIGHT	2.1 kg
VSWR, MAX.	1.7:1	CONNECTOR	2 x N-Type, Female
3 DB BEAM-WIDTH, H-PLANE, TYP	8°	BACK PLANE	Aluminum; protected through chemical passivation
3 DB BEAM-WIDTH, E-PLANE, TYP.	8°	RADOME	UV Protected Polycarbonate
SIDE LOBES, MIN.	ETSI TS3, TS4, TS5	MOUNT	MNT-22
POLARIZATION	Linear, Vertical and Horizontal Can be mounted in dual slant mode	ENVIRONMEMTAL	
CROSS POLARIZATION,TYP.	-25 dB	OPERATING TEMPERATURE RANGE	-40° C to +65° C
PORT TO PORT ISOLATION	-30 dB	VIBRATION	According to IEC 60721-3-4
FRONT TO BACK RATIO, MIN.	ETSI TS3, TS4, TS5	WIND LOAD	200 km/h (survival)
INPUT POWER, MAX	5 Watt	FLAMMABILITY	UL94
INPUT IMPEDANCE	50 Ohm	WATER PROOFING	IP-67
LIGHTNING PROTECTION	DC Grounded	HUMIDITY	ETS 300 019-1-4, EN 302 085 (annex.A.1.1)
		SALT FOG	According to IEC 68-2-11
		SERVICE LIFE	> 10 years

Antenna Patterns





ABOUT PROXIM WIRELESS:

Proxim Wireless is a global leader in advanced wireless broadband and WiFi solutions that deliver high performance and high availability communications. Celebrating 40 years of pioneering wireless solutions, Proxim is recognized for unparalleled reliability, superior performance, and drive for innovation.

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