

## 2.3 - 2.7 GHz Dual Polarized Antenna

### PA2-1720-DP



#### 2.7 GHz, 20 dBi, 17° Panel Antenna

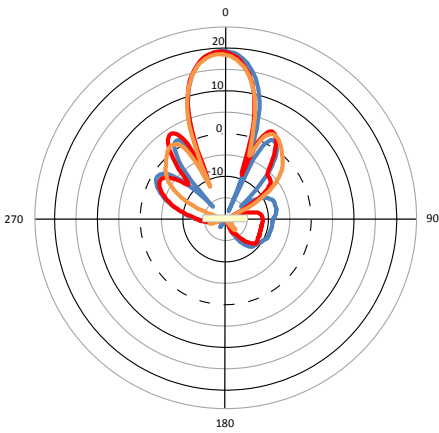
- Dual Pole, Vertical and Horizontal
- Dual slant if mounted diagonally
- Exceptionally efficient performance
- High gain/size ratio
- Aesthetic design
- Weatherized and durable
- Mount allows for 45deg. turn installation

#### Technical Specifications

ELECTRICAL		MECHANICAL	
FREQUENCY RANGE	2.3 - 2.7 GHz	DIMENSIONS (HXWXD)	370 x 370 x 40 mm (14.5" x14.5" x 1.6")
GAIN, TYP.	19 dBi $\hat{A}$ $\pm$ 1 dBi	WEIGHT	1.8 kg
VSWR, MAX.	1.7:1	CONNECTOR	2 x N-Type Female
3 DB BEAM-WIDTH, H-PLANE, TYP.	17°	BACK PLANE	Aluminum; protected through chemical passivation
3 DB BEAM-WIDTH, E-PLANE, TYP.	17°	RADOME	UV Protected, Polycarbonate
SIDE LOBES, MIN.	-12 dB	MOUNT	MNT-22
POLARIZATION	Dual Pole, Vertical and Horizontal	ENVIRONMENTAL	
CROSS POLARIZATION, MIN.	-19 dB	OPERATING TEMPERATURE RANGE	- 40°C to + 65°C
PORT TO PORT ISOLATION	- 25 dB	VIBRATION	According to IEC 60721-3-4
FRONT TO BACK RATIO, MIN.	-30 dB	WIND LOAD	200 km/h (Survival)
INPUT POWER, MAX	10 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
ORDERING OPTIONS			
ANTENNA SUITED FOR MNT-22 (Optional wall/pole adjustable mount)	PA2-1720-DP		

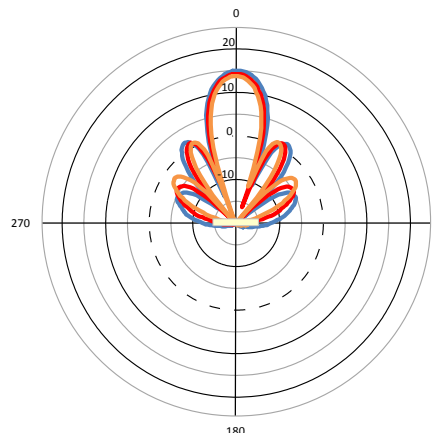
# Antenna Patterns

### H-pol Azimuth



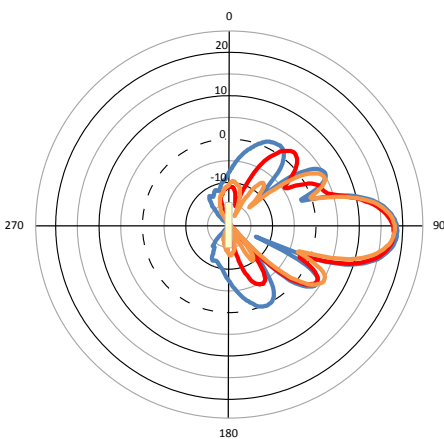
- 2.300 GHz
- 2.500 GHz
- 2.700 GHz

### V-pol Azimuth



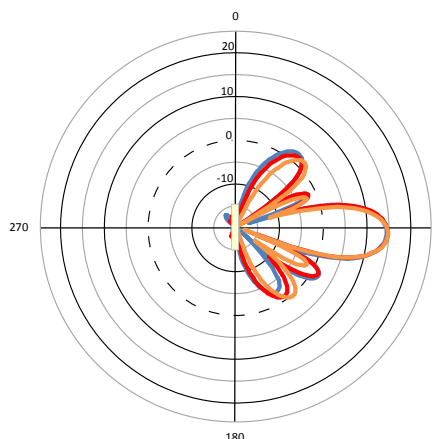
- 2.300 GHz
- 2.500 GHz
- 2.700 GHz

### H-pol Elevation



- 2.300 GHz
- 2.500 GHz
- 2.700 GHz

### V-pol Elevation



- 2.300 GHz
- 2.500 GHz
- 2.700 GHz

## ABOUT PROXIM WIRELESS:

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