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2300-2500MHz 20.5dBi directional panel antenna

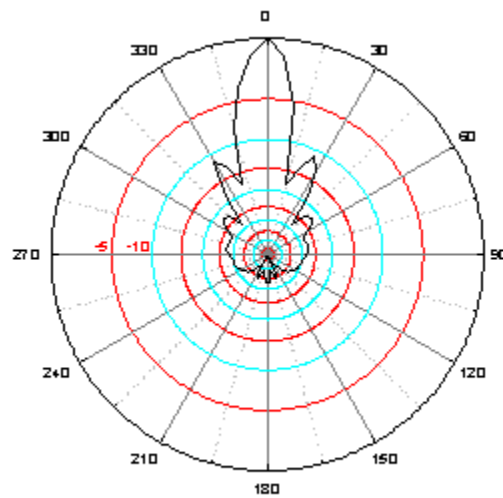


Model Number: SPAPG20

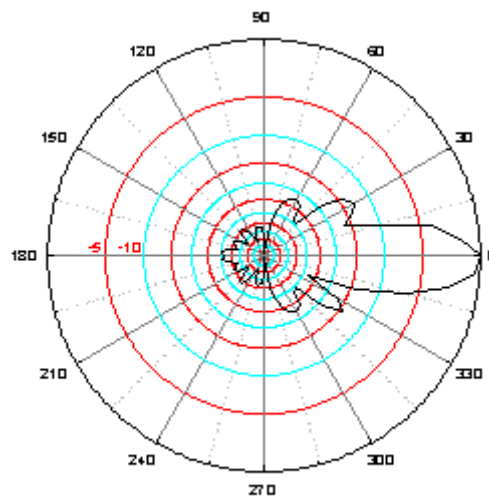
Technical Specifications

No	ITEM	TYPICAL	REMARKS
1	Frequency Range	2300 — 2500 MHz	
2	Impedance	50 Ω	
3	VSWR (or Return Loss)	< 1.5:1 (or > 14dB)	
4	Gain	>20.5dBi	
5	Polarization	Vertical, Linear	
6	3dB Horizontal Beamwidth	15 Degrees	
7	3dB Vertical Beamwidth	16 Degrees	
8	Front to Back Ratio	>35dB	
9	Max. Power Input	20W	
10	Connector	N female, Bottom Feed	Or Custom Design
11	Appearance	Panel Type	
12	Size	13.8 × 15.5 × 1 [inch]	
13	Housing Material	Powder Coated Aluminum	
14	Radom Material	ABS with UV Protection	
15	Radom Color	White	
16	Case Design	Water Resistance	
17	Weight	3Lb	
18	Wind Loading (Frontal)	> 10Kg	200km/h

19	Temperature Range	-45 to +75 Degrees	
20	Storage Temperature	-30 to +75 Degrees	
21	Lighting Protection	Direct Grounding	
22	Mounting Hardware	Clamp Set	
23	Life Expectancy	20 years	



H-Plane Radiation Pattern



E-Plane Radiation Pattern