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5.1-5.9GHz 16.8dBi 30 degree sector panel antenna

Model Number: SPDN6W



Technical Specifications

No	ITEM	TYPICAL	REMARKS
1	Frequency Range	5100 — 5900 MHz	
2	Impedance	50 Ω	
3	VSWR (or Return Loss)	< 1.5:1 (or > 14dB)	
4	Gain	>16.8dBi	
5	Polarization	Vertical, Linear	
6	3dB Horizontal Beamwidth	30 Degrees	
7	3dB Vertical Beamwidth	14 Degrees	
8	Front to Back Ratio	> 36dB	
9	Max. Power Input	20W	
10	Connector	Female N, Bottom Feed	Or Custom Design
11	Appearance	Panel Type	
12	Size	12.2 \times 5 \times 2 [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	1.2 Lb	
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	