

Panel Antenna

900MHz 12dBi 60 degree sector antenna

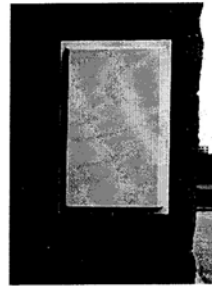
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902-928MHz 12dBi Sector Panel Antenna with/without DC Ground for WaveRider Gear

Model Number: SPPC12



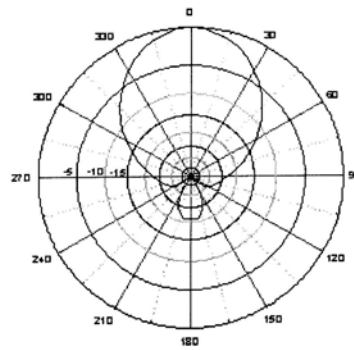
Technical Specifications

No	ITEM	TYPICAL	REMARKS
1	Frequency Range	902 — 928 MHz	
2	Impedance	50 Ω	
3	VSWR (or Return Loss)	< 1.5:1 (or > 14dB)	
4	Gain	> 12dBi	
5	Polarization	Vertical, Linear	
6	3dB Horizontal Beamwidth	62 Degrees	
7	3dB Vertical Beamwidth	34 Degrees	
8	Front to Back Ratio	>20dB	
9	Max. Power Input	20W	
10	Connector	N female, Bottom Feed	Or Custom Design
11	Appearance	Panel Type	
12	Size	19 x 10 x 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	100g	
18	Wind Loading (Frontal)	> 10Kg	200km/h
19	Temperature Range	-45 to +75 Degrees	

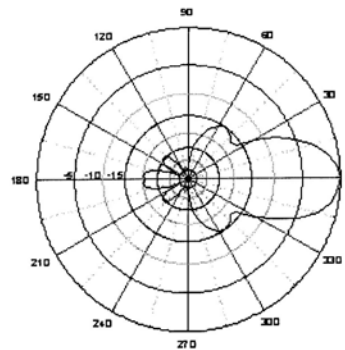
<http://www.superpass.com/SPPC12.html>

12/11/02

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