



SEC0910/90H 900MHz 10dBi 90° Sector Antenna

Data Sheet 052908

Main Features

- 10dBi, horizontally polarized, 90 degree sector antenna
- Compact, low profile
- Suitable for indoor and outdoor use
- Powder coated aluminium construction with ABS radome
- 12 month warranty

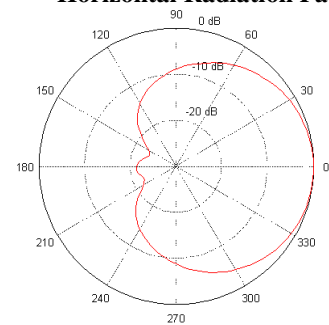


Electrical Specifications

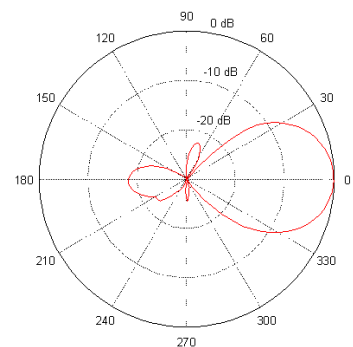
Frequency	902-928 MHz
Antenna type	Panel
Minimum gain	10dBi
Vertical beam-width	33°
Horizontal beam-width	90°
Minimum Return loss	-14dB
Return Loss	<1.5:1
Front-to-back ratio	>16dB
Cross polar	>20dB
Impedance	50 Ohms
Maximum power	20 Watts
Polarization	Horizontal

Radiation Patterns

Horizontal Radiation Pattern



Vertical Radiation Pattern



Mechanical Specifications

Standard connector	N-Female
Mass	0.91kg
Size	483mm x 254mm
Depth	51mm
Mounting hardware	Clamp set
Radome	UV protected ABS
Back plane	Powder coated aluminium
Survival wind rating	200kmph
Wind loading	10kg at 200kmph
Operating temperature	-30°C to 70°C
Lightning protection	DC grounded

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