SEC5413/180
5.4GHz 13dBi 180°Sector Antenna

Data Sheet 300401

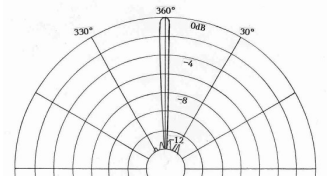
Main Features

- Focuses radiated energy into required sector
- Compact, low profile antenna
- Suitable for indoor and outdoor use
- Heavy duty aluminium construction with fibreglass radome
- Supplied complete with stainless steel hardware for surface and mast/tower mounting
- Vertically polarized
- Optional tilt-kit available
- Designed & manufactured in Australia

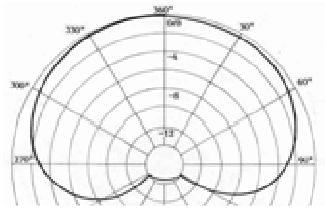
Electrical Specifications

Frequency	5460 - 5875MHz
Antenna type	Collinear
Minimum gain	13dBi
Electronic beam-tilt	-1°
Vertical beam-width	5°
Horizontal beam-width	180°
Return loss	-18±3dB
Impedance	50 Ohms
Maximum power	20 Watts
Standard polarization	Vertical
VSWR	<1:1.5

Typical Radiation Patterns



Vertical Plane



Horizontal Plane

Mechanical Specifications

Standard connector	N-Female
Mass	1kg
Length	500mm
Mast diameter	30mm - 60mm
Survival wind rating	300kmph
Wind loading	13kg at 200kmph
Operating temperature	-20°C to 70°C
Standards compliance	AS1471

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