



P5828 5.8GHz 28dBi Patch Antenna

Data Sheet 071405

Main Features

- Low profile and unobtrusive appearance
- Low side and back lobes
- Easy to install
- Minimal depth
- Suitable for indoor and outdoor use
- Supplied with mounting bracket
- US Manufacture



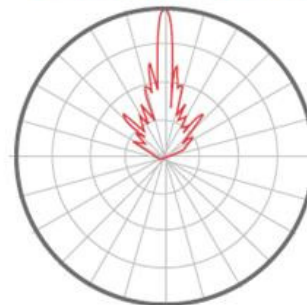
Electrical Specifications

Frequency	5725 - 5850MHz
Minimum gain	28dBi
Vertical beam-width	4.5°
Horizontal beam-width	4.5°
VSWR	<1.7:1
Sidelobes	<-11dB
Front-to-back ratio	>-36dB
Cross-polar rejection	>-28dB
Impedance	50 Ohms
Polarisation	Vertical/Horizontal
Power	6 Watt

Mechanical Specifications

Standard connector	N-Female
Dimensions	600mm x 600mm
Depth	55mm
Elevation adjustment	±10°
Azimuth adjustment	±360°
Radome material	White plastic
Lightning protection	DC grounded
Base plate	Aluminium
Weight	8.6Kg
Operating temperature	-40°C to 65°C
Survival wind speed	200kmph

Azimuth Radiation Pattern



Elevation Radiation Pattern

