Product datasheet

13 dB, 120° Sector Coverage Antenna

Product code: RFT-SCV-13-24-120
Version: 07.2010

Application: Point to multipoint base station application, warehouses, shopping malls, Hotels, Marinas for 802.11 b/g

- Ideally suited for point to multipoint base station applications
- Use 3 around a mast to give a high performance omnidirectional pattern (Base Station)
- Maintains excellent RF performance across frequency band
- Rugged, weather proof construction
- Suitable for in-door or outdoor use
- Broadband design covers the band 2.4 to 2.5 GHz

Technical specification

Electrical
- Frequency Band: 2400 - 2500 MHz
- Gain: 13 dBi
- Polarisation: Vertical
- Beamwidth Horizontal Plane: 120° (Sector Coverage)
- 3 dB Beamwidth Vertical Plane: 12°
- Beam Tilt: 0° (No beam tilt with frequency)
- Nominal Impedance: 50 Ohm
- VSWR: 1.5:1.0 max.
- Maximum Input Power: 100 W
- Connector Type: N-Type Female.

Application: Point to Multipoint (Base Station, Access points, Hot Spots) for 802.11b/g

Mechanical
- Width (Nominal): 50 mm (1.9 in)
- Height (Nominal): 700 mm (27.6 in)
- Weight: 0.5 Kg (1.0 lbs)
- Operating Temperature: -30° C to + 60° C
- Wind Loading: 130 mph (210 km/h)

Materials
- Covering Material: UV stabilised ABS Plastic
- Colour: White
- Mounting Method: Galvanised steel bracket set for mast or pole mounting 1.2 - 2.5 in (30 - 62 mm).
  Comes complete with mounting hardware

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