Product datasheet

16 dB, 120° Sector Coverage Antenna

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

- 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 full band 5.1 to 5.9 GHz

Technical specification

Electrical

- Frequency Band: 5150 - 5875 MHz
- Gain: 16 dBi
- Polarisation: Vertical
- Beamwidth Horizontal Plane: 120° (Sector Coverage)
- 3 dB Beamwidth Vertical Plane: 6°
- Beam Tilt: 0° (No beam tilt with frequency)
- Nominal Impedance: 50 Ohm
- VSWR: 2.0:1.0 max.
- Maximum Input Power: 50 W
- Connector Type: N-Type Female.

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

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