

Combined Base-station Antenna - IES001

Main Operating Ratings

Operating Temperature : (Design Mock-up Level)

Storage Temperature : (Design Mock-up Level)

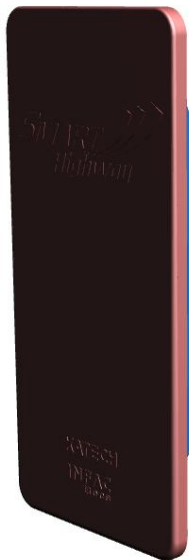
Power Input : 2W max.

Internal Dissipation : 0.375W max.

Features

- Compact Direction Head Design
- Dual Stack improves total gain
- Waterproof in outdoor
- Includes pole mount bracket for mast mounting

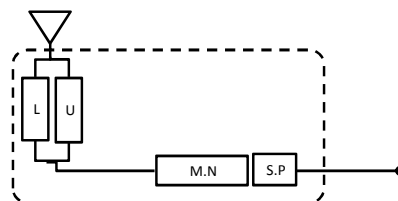
Outline Drawing Concept



Electrical Specifications

- FREQ. RANGE (f_L ~ f_U) : 5.850~5.925GHz
- POLARIZATION : VERTICAL
- GAIN(dBi) : 12.0 Typ
- VSWR : 2 = 1
- IMPEDANCE(Ω) : $50 \pm 5\%$
- HPBW(Half Power Beam Width) : 30°

Electrical schematic



Mounting Bracket J type Concept

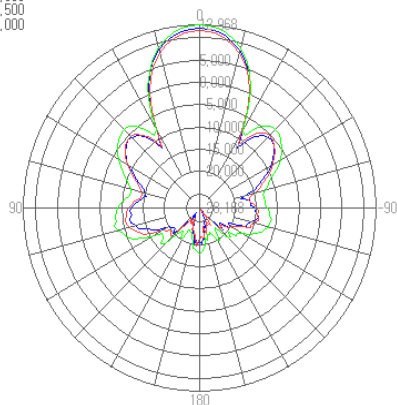
- Termination : N – female
- Design Mock-up Proto type
- Outcase material : PC (Dove-grey)

Applications

- outdoor base station antenna
- Antenna for SMART combined base-station
- stacked antenna system

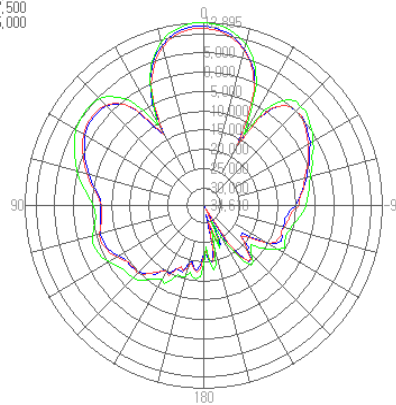
Radiation Pattern

■ 5850,000
■ 5887,500
■ 5925,000



[Elevation]

■ 5850,000
■ 5887,500
■ 5925,000



[Azimuth]