

Sector Coverage Antenna for AMPS800/GSM900 Systems

This sector coverage antenna is designed for use in AMPS800/GSM900 systems, base stations, or repeaters. It features broadband high gain and low VSWR, and includes an adjustable angle pole mounting kit.



Product Overview

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This high-performance sector coverage antenna is engineered for reliable signal transmission and reception within the 865-867MHz frequency range. Featuring a robust construction, it is designed to withstand harsh environmental conditions while providing excellent gain and coverage. Ideal for telecommunications and wireless communication infrastructure, this unit ensures enhanced network connectivity and operational efficiency.

Electrical Specifications

Gain

12 dBi

Gain

| | |
|---------------------|------------|
| Frequency Range | 865-867MHz |
| VSWR | d1.5 |
| Beam Width (H x V) | 65° x 25° |
| F/B Ratio | 25 dB |
| Impedance | 50 © |
| Maximum Input Power | 100 W |
| Connector | N female |

Mechanical Specifications

| | |
|------------------------|--------------------|
| Dimensions | 700 x 290 x 130 mm |
| Weight | 6 kg |
| Mounting Mast Diameter | Ø30 ~ Ø50 mm |
| Rated Wind Velocity | 241 Km/h |

Environmental

| | |
|-----------------------|----------------|
| Operating Temperature | -40°C to +80°C |
|-----------------------|----------------|