

## **GSM 9dBi Yagi Antenna With 7 Element Models**

**Part No:AC-D850Y09-07**

### **1. Introduction**

The YAGI antenna is designed for use in GSM/GPRS systems working in 824-960Mhz.

Light aluminium alloy duty Yagi are factory assembled and adjusted for easy installation.

They feature light-wall tubing elements and machined aluminum blocks for the boom-to-element junctions.

7 element models are available.Economical, lightweight installation and good performance.



## 2. Specification

### Electrical

Frequency Range	824-960MHz
F/B Ratio	> 14dB
Gain	9dBi
V.S.W.R	≤1.5
Radiation	Direction
Horizontal Beam width	50°
Vertical Beam width	48°
Polarization	Vertical
Lightning Protection	DC-Grounded
Maximum Input Power	50W
Impedance	50Ω
Connector	N Female
Cable Type	RG58U
Cable Length	30cm
Antenna Radome Material	Aluminum alloy
Mount way	Pole
Diameter of Installation Pole	Ø30~Ø50 mm

### Mechanical

Dimensions	600x180x58mm
Weight	350g
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES