



# Omnidirectional Fiberglass Antenna



- Model: FTQ-1011QX09A
- Name: Omnidirectional Fiberglass Antenna
- Freq.Range: 1000 to 1100 MHz
- Communications system: ACARS,  
Aircraft Communications Addressing  
and Reporting System
- Application scenario: ADS-B antenna,  
Wireless data and image transmission,  
Outdoor signal omnidirectional coverage

Tip: Pictures are for reference only.  
Please refer to physical objects.

| Electrical Specifications |              |
|---------------------------|--------------|
| Freq.Range-MHz            | 1000 to 1100 |
| Bandwidth-MHz             | 20           |
| Polarization              | Vertical     |
| Gain-dBi                  | 9            |
| Horizontal Beamwidth-°    | 360          |
| Vertical Beamwidth-°      | 12           |
| Impedance-Ω               | 50           |
| VSWR                      | ≤ 1.5        |
| Max.Power-W               | 50           |

| Mechanical Specifications  |            |
|----------------------------|------------|
| Connector                  | N female   |
| Connector Position         | Bottom     |
| Length-CM                  | About 121  |
| Weight-KG                  | About 1.2  |
| Radome material            | Fiberglass |
| Radome color               | Gray       |
| Operational Temperature-°C | -40 to 60  |
| Storage Temperature-°C     | -55 to 85  |
| Relative Humidity-%        | 5 to 95    |
| Rated Wind Velocity-M/S    | 60         |
| Mounting way               | Mast       |
| Mast Diameter-MM           | Φ30 to 50  |



## Installation Demonstrations

