



## DESCRIPTION

Original appearance designed high-end UHF RFID Antenna , high gain but low standing-wave ratio brings best performance. Engineering plastic housing, rugged construction, high protection level for wide using with our fixed reader, such as assets tracking, warehouse management, intelligent traffic management, vehicle tracking, production line management, intelligent weight measurement etc.

**Features**

- Low profile with high gain reading distance range up to 20m
- Maximum efficiency and performance across the entire frequency band
- Seamlessly compatible with different brand RFID readers

**Physical Characteristics**

|                            |                            |
|----------------------------|----------------------------|
| Dimensions (L x W x D)     | 445mm×445mm×40mm           |
| Weight                     | 1.95Kgs                    |
| Radome Material            | Aluminum +ABS              |
| Sealing                    | IP66                       |
| Connector type / position: | TNC female or Customizable |
| Mounting                   | Bracket                    |
| Operating Temperature      | -40- +70°C                 |
| Storage Temperature        | -40- +70°C                 |

**Electrical Specifications**

|                      |                 |
|----------------------|-----------------|
| Frequency Range      | 860MHz ~ 960MHz |
| Polarization         | Circular        |
| Far-Field Gain       | 12 dBi          |
| H side Beamwidth     | 45°             |
| E side Beamwidth     | 45°             |
| Typical VSWR         | VSWR≤1.3        |
| Nominal Impedance    | 50 (Ω)          |
| Maximum Input Power  | 100W            |
| Lightning Protection | DC to ground    |

**Applications**

Widely used for long reading distance application such as warehousing, logistic, production, yard etc.