

C12-4444-4

UHF RFID antenna v2



C12-4444-4 is a **12dBi UHF RFID antenna**. This antenna can be supplied with either **right or left polarization**. It is suitable for many applications: RFID logistics tracking, warehouse management, door control system...

Key features

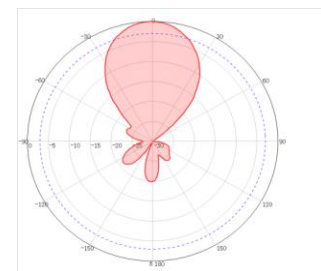
- RFID UHF
- Gain 12dBi
- Right or left circular polarization
- N-Female connector

Applications

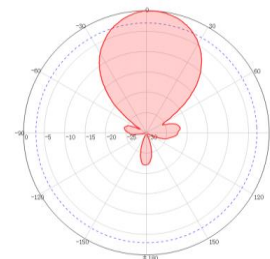
- RFID logistics tracking
- Warehouse management
- Door control system
- Parking lot management

Functional specifications

Type	UHF
Frequency	EU: 865-869MHz US: 902-928MHz
Gain	12dBi
Beam width	Hor: 45° Ver: 45°
Polarization	Circular right (standard) Circular left
VSWR	≤ 1.5
F/B Ratio	≥ 25
Input Impedance	50 Ω
Maximum power	100W
Lightning protection	DC Ground
Antenna connector	N-Female



H-Plane



E-Plane

Physical specifications

Dimensions	440*440*40mm
Net weight	2.1kg
Packing size	60*48*11cm
Gross weight	3.92kg
Radome material	ABS
Radome colour	White
Pole Diameter	Φ40-80mm
Rated wind velocity	60m/s

Environment and industry compliance

Protection grade	IP65
Use	Outdoor
Operating Temperature	-40°C ~ +70°C