

## UHF 12dbi linear antenna



The UHF 12dBi linear antenna is designed for long-range, high-gain RFID applications that require focused and stable signal coverage. With linear polarization, it delivers consistent tag reading performance in high-traffic and high-density environments. Ideal for vehicle identification, warehouse gates, logistics yards, access control, and industrial automation, the antenna ensures reliable detection, fast reading speed, and dependable operation in both indoor and outdoor deployments.

## Specifications

Parameter	Technical Specs
Frequency	865-868MHz (EU) , 902~928MHz (US)
Gain	8dBi
Reading distance	0-8 meters
Polarization	Circular polarization
Radiation angle	Horizontal: 35±3° Vertical: 30±3°
Maximum power	100W
Bandwidth	100MHz
Standing wave ratio	≤1.3
Impedance	50 Ω
Operating temperature	-20~80°C
Lightning protection	DC grounding
Antenna cover material	Aluminum
Installation method	Bracket installation