

UHF 8dBi Ceiling Antenna



A UHF 8 dBi Ceiling Antenna is a near-field, directional RFID antenna designed for precise identification and controlled read zones. Supplied with a standard 3-metre RG303 high-temperature-resistant feeder cable, it supports stable performance in demanding environments. Ideal for access management, access control, warehousing, archive rooms, gantry systems, and applications requiring accurate positioning and movement tracking.

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
Packing size	800*180*26.2mm
Packing weight	1.32kg
Installation method	Bracket installation