

UHF 6dbi Floor Mat Antenna



A UHF 6 dBi Floor Mat Antenna is designed for reliable RFID tag detection in access control and tracking applications. Installed beneath floor surfaces, it provides consistent read coverage, supports hands-free identification, and enables accurate monitoring of tagged items or people. Its low-profile, durable design makes it ideal for libraries, retail exits, asset tracking zones, and controlled entry or movement points.

Specifications

Parameter	Technical Specs
Frequency	865-868MHz
Gain	6dBi
Polarization	Circular polarization
Back connector model	Lead-out feeder
Radome material	rubber
Radiation angle	Horizontal: 120° Vertical: 110°
Impedance	50 Ω
Lightning protection	DC grounding
Standing wave ratio	≤ 1.5
Size	1100*550*30mm
Weight	14kg
Installation	Tiled to the ground
Standard	Antenna*1
Operating temperature	-40~60°C
Storage temperature	-40~80°C