

12DBI ANTENNA



It is a high-performance UHF long range Antenna. It supports fast tag read/write operation with high identification rate. It can be widely applied in many RFID application systems such as logistics, access control, anti-counterfeit and industrial production process control system. IP68, High outdoor or indoor environmental adaptability. Fast and accurate reading speed; High data security. Integrated or split connection to reader module. Long distance. Easy installation Vehicle no-stop toll management (car parking lot). Logistics and Warehouse management. Production flow-line management. Animal's recording management. Products anti-counterfeiting detection. Club management. Library management. School and factory access control. Attendance management and more.

Specifications

Parameter	Technical Specs
Working Frequency	865-868MHz
Gain	12dBi
Reading distance	0-15meter
Polarization	Linear/circular
Radiation Angle	horizontal : 40° vertical : 40°
Bandwidth	80MHz
Max Power	100W
Wind Resistance	60 m/s
VSWR	≤1.21
Impedance	50 Ω
Protection	DC grounding
Protection Level	IP67
Working Temperature	-40~80°C
Standard	antenna*1pc Mounting bracket*1, 3m cable*1
Reflector material	Aluminum Alloy
Antenna cover material	ABS
Weight	2.5kg
Size	445*445*40mm