Technology Solutions for Retail

Circularly Polarized RFID Antenna

TAC-060-IP67



The TAC-060-IP67 is a high-performance, cost-effective RFID antenna designed for demanding applications. It features circular polarization, 6 dBi gain and IP67 rating, making it ideal for industrial environments and outdoor use. It is also RoHS compliant.

Note: Approved only for FCC-certified countries.

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Features

- High gain
- Low VSWR
- Clean, attractive design
- Waterproof (IP67), suitable for outdoor use

Typical Applications

- Warehousing and logistics systems
- Personnel tracking
- Security gates
- Dock doors

Electrical Specifications

Model	TAC-060-IP67
Frequency Range (MHz)	902 – 928
Bandwidth	26 MHz
Gain (dBi)	6
Beamwidth (°)	60
Impedance (ohms)	50
VSWR	13
Max. Input Power (W)	100
Polarization	Circular
Lightning Protection	DC Ground

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Mechanical Specifications

Connector	RP-TNC male
Dimensions (mm)	260 x 260 x 45
Weight (kg)	1
Rated Wind Velocity (m/s)	60
Reflector Material	Aluminum alloy
Radome Material	UV or ABS
Radome Color	White
Operating Temperature (°C)	-40 to 70
Mounting (mm)	Φ40 – Φ50

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