RFR-ANT-0201

ANTENNA

Deployed in a wide variety of applications including in warehouses, toll roads, and manufacturing plants. The RFR-ANT-0201 delivers the necessery power and read range for both indoor and outdoor applications.

Key Features & Benefits

- Supports read distances up to 80 ft using specific tags.
- For indoor and outdoor use.
- Ideally used in the 865 - 956 MHz range.

Applications

- Use in large installations in warehouses, hospitals, schools, and other installations.

OVERVIEW

The RFRain Antenna (RFR-ANT-0201) is a perfect fit for each type of application and supports both indoor and outdoor environment. The circularly polarized antenna operates at 7.5-9.5 dBic gain, covers 65° x 65° beamwidth.

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RFRain® Radio Frequency Research & Innovation

ELECTRICAL	
Regulatory Compliance	RoHS, CE 0682
Frequency Range	865 - 956 MHz (Global
Gain	7.5 dBic (min), 8.5 dBic (max) @ 865-870 MHz 8.5 dBic (min), 9.5 dBic (max) @ 902-928 MHz 7.5 dBic (min), 9 dBic (max) @ 950-956 MHz
VSWR	1.2:1 (typ) 1.35:1 (max)
Polarization	RHCP
Elevation Beamwidth	65° (typ)
Azimuth Beamwidth	65° (typ)
Front to Back Ratio	-18 dB (max)
Power	6W (max)
Input Impedance	50 ohms
Axial Ratio	865-870 MHz @ 2.5 dB (max) 902-928 MHz @ 1 dB (typ) 1.5 dB (max) 950-956 Mhz @ 3 dB (max)
Lightning Protection	DC Grounded
MECHANICAL	
Dimensions	12" x 12" x .98" / 305 x 305 x 25 mm
Connector	RP-TNC Female
Weight	2.6 lb / 1.2 kg
Radome Material	Plastic
Base Plate Material	Aluminum with chemical conversion coating
Mount Type	Four threaded studs
Outline Drawing	RD 43072500 C
Orientation	Rectangular
ENVIRONMENTAL	
Operating Temp.	-55°C to +71°C
IP Rating	IP 67

RFRain®
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RFRain LLC is an innovator in asset and inventory management. The technology is delivered via an online dashboard that offers real-time data and analytics delivered 24/7.

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