

This rugged circular polarized antenna has an all metal enclosure protecting its components making it extremely resistant to damage and is ideal for use on forklifts or rail cars.

The rugged 865 MHz to 870 MHz antenna has an all metal enclosure protecting its components making it extremely resistant to damage and making it ideal for use on forklifts or rail cars. It is also able to operate over a wide temperature range so it is suitable for outdoor use. The antenna has a relatively small footprint at 7.6"x 7.6" x .95" and provides 6 dBi of gain. A plastic front panel is available for custom branding or other text or graphic elements.

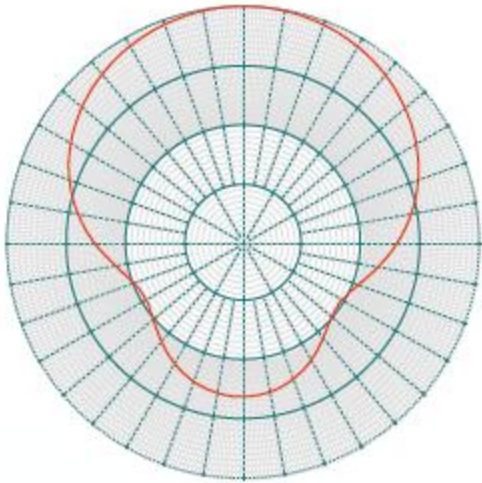


Key Features

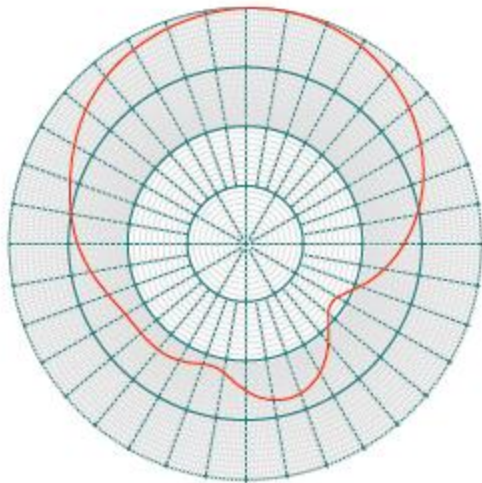
- ✓ Extremely low VSWR
- ✓ Wide band
- ✓ Weather resistant radome
- ✓ Wide range of connector and cable options
- ✓ Left hand and right hand CP versions

Applications

- ✓ Direct forklift Mount
- ✓ Rail Cars
- ✓ Warehouse
- ✓ Distribution Centers
- ✓ Transit terminals
- ✓ Conveyor Belts



Right-hand circularly polarized linear azimuth plot



Right-hand circularly polarized linear elevation plot



Technical Specifications

Frequency Range	865 - 870 MHz
Gain	6 dBi
Maximum VSWR	1.5:1
3 dB Beamwidth – Azimuth	80°
Front to Back Ratio	8 dB
Polarization	Circular
Maximum Input Power	4 Watts
Input Impedence	50 Ohms
Axial Ratio	3 dB Typical
Weight	2.6 lbs
Mechanical Size	7.59" x 7.59" x .95"
Antenna Connection	Right Angle Type N Female
Radome	Aluminum w/ Minimal Polycarbonate
Mount Style	Chassis mount
Operating Temperature	-30 °C to 70 °C
Lightning Protection	DC Grounded

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