

UHF ANTENNA CX ANTENNA LR



APPLICATIONS

- Industrial Automation
- Asset Tracking
- Supply Chain
- Logistics

FEATURES

- Ultra Low-Profile
- High-Performance
- IP67 rugged Design
- Multi-Purpose Antenna

RFID OPTIONS

- UHF (865 – 867 MHz | 902 – 928 MHz)

PRODUCT DESCRIPTION

Optimized for industrial and outdoor workplaces, the circularly polarised BLUEBOX UHF CX Antenna LR is a powerful, hard-wearing UHF device with a compact 250mm / 10 inch square footprint

Just 14 mm / 0.55 in. thick, this ultra-low profile UHF antenna offers a solution for a variety of applications. It perfectly complements one of our BLUEBOX RFID readers and writers for a reliable and constant implementation of RFID technologies.

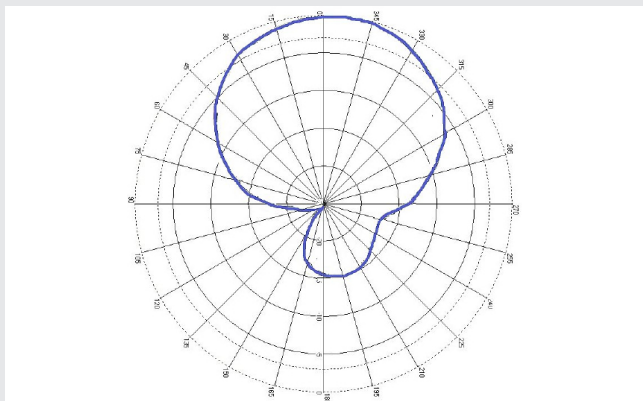
Rated IP67 for permanent outdoor and indoor use and built to iDTRONIC's high standard for quality and robustness, the CX Antenna LR creates a new benchmark for multi-purpose industrial grade RFID antennas.

TECHNICAL DATA

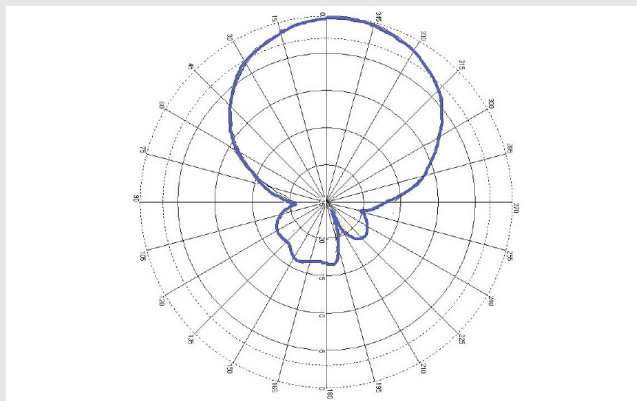
ELECTRICAL SPECIFICATIONS	
Frequency Range	865 – 867 MHz 902 – 928 MHz
Polarisation	RH Circular
Far-field Gain	8 dBic
Far-field 3 dB beamwidth	68° in both planes
Typical VSWR across frequency range	1.3
Front to back ration	20 dB
Axial Ratio	2 dB typical; 4 dB Max
Nominal Impedance	50 Ω
Anti-static protection	Yes
Max. Input Power	6 W

PHYSICAL / ENVIRONMENTAL SPECIFICATIONS	
Dimensions	250 × 250 × 14 mm 9.85 × 9.85 × 0.55 in.
Weight	0.75 kg / 1.6 lbs.
Radome Material	UV-Resistant ABS
Protection Class	IP67
Operating Temperature Storage Temperature	-20° to +55 °C / -30° to +65 °C -4° to +131 °F / -22° to +149 °F
Mounting	Flush or VESA Mount, rack mount accessory available
Connector type / position	SMA female side connector

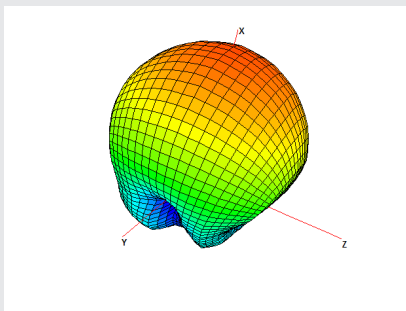
E-FIELD ELEVATION & AZIMUTH



VERTICAL



HORIZONTAL



ORDER CODES

VERSION	ORDER CODE
ETSI (865 – 867 MHz)	R-IN-UHF-9135U
FCC (902 – 928 MHz)	R-IN-UHF-9136U

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