

# RFID LF ANTENNA ON-METAL ANTENNA



## APPLICATIONS

- Industrial Automation
- Supply Chain
- Asset Tracking
- Access Control

## FEATURES

- Robust design
- Easy to integrate with LF Controllers
- Common SDK for all BLUEBOX
- BLUEBOX SHOW Application
- CE approved

## DESCRIPTION

iDTRONIC's On-Metal Antenna LF is a high-performance device which can be used in combination with BLUEBOX LF Controllers. It enables the reading of up to 7 cm (depending on type of tag).

## TECHNICAL DATA

### ELECTRICAL SPECIFICATIONS

Operating Frequency	125 kHz or 134.2 kHz (on request)
Operating Distance	up to 7 cm

### MECHANICAL SPECIFICATIONS

Housing Material	POM
Dimensions	70 × 70 mm
Protection Class	IP65
Cable Length	1.5 m
Antenna Connector	Lumberg (external)

### ENVIRONMENTAL CONDITIONS

Operating Temperature	-20 °C to +65 °C
Humidity	5 % to 95 %

### APPLICABLE STANDARDS

EMC	EN 301 489-3
Radio Regulation	EN 302 208-2
Safety	CEI EN 60950-1 CEI EN 50364

### SUPPORTED STANDARDS | TAGS

ISO 18000-2, ISO 11784/11785, FDX-B

### APPLICABLE STANDARDS

Radio Regulation	CE
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\*Reading distance depends on tag, antenna and environmental conditions.

## ORDER CODES

VERSION	ORDER CODE
RFID LF On-Metal Antenna	R-IN-LF-9227L

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