



## BLUEBOX UHF Mid-Range Antenna

### Applications

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

### Features

- Small dimension
- Up to 2m reading range
- Circular polarized
- Easy to integrate with UHF Mid-Range-Reader

### RFID Options

- 865–867 MHz (ETSI) & 902-928 MHz (FCC)

### Description

iDTRONIC's Mid-Range Antenna UHF is a high-performance device which can be used in combination with BLUEBOX UHF Controllers. It enables the UHF Mid-Range reading of up to 2 meters. Through its circular polarized setting, the user will be able to read out the tags in multiple 3D orientations. Thanks to its specification, small dimensions and robust housing, this UHF Mid-Range Antenna can be used for Forklift or Access Control applications.

## Technical Data

Electrical Specifications	
Frequency Range	864–869 MHz (EU)/ 902–928 MHz (US)
Polarization	Circular
Operating Distance	up to 2m
Connector Type	TNC-Female
Antenna Gain	4 dBic
Beam width	30° / 70°
Axial Ratio	2 dB

Physical / Environmental Specifications	
Dimensions	154mm x 126mm x 36mm
Housing-Material	PC
Environmental Rating	IP67
Operating / Storage Temperature	-20° to +55°C
Humidity	5% to 95%

Supported Transponder
ISO18000 - 6B
ISO18000 - 6C
EPC Class 1 Gen 2

## Order Codes

Type	Order Code
ETSI	R-IN-UHF-9124U
FCC	R-IN-UHF-9125U
Antenna Mounting Kit	R-IN-AC-9921

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