



BLUEBOX UHF Low-Range Antenna

Applications

- Industrial Automation
- Supply Chain
- Asset Tracking
- Near-Field Reading

Features

- Small dimension
- Stable performance
- Easy to integrate with UHF Basic or Mid-Range Controller
- Able to read out multiple disorientated tags

RFID Options

- 865–867 MHz (ETSI) & 902–328 MHz (FCC)

Description

iDTRONIC's Low-Range Antenna UHF is a high-performance device which can be used in combination with the BLUEBOX UHF Controllers. It enables the UHF Low-Range reading of up to 8 cm.

Thanks to its specification, small dimensions and robust housing, this UHF Low-Range Antenna can be used with UHF Near-Field Tags as well.

Technical Data

Electrical Specifications

Frequency Range	864–869 MHz (EU)/ 902–928 MHz (US)
Operating Distance	up to 8m (up to 3cm with NF tags)
Connector Type	TNC-Female
EIFF	> 15 dB
Antenna Gain	< -30 dBi

Supported Transponder

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

Physical / Environmental Specifications

Dimensions	90mm x 63mm x 31mm
Housing-Material	PC
Environmental Rating	IP67
Operating / Storage Temperature	-20° to +55°C
Humidity	5% to 95%

Order Codes

Order Code

R-IN-UHF-9123U

iDTRONIC GmbH
Donnersbergweg 1
67059 Ludwigshafen
GERMANY

Phone +49 (0) 621 66 90 09 4-0
Fax +49 (0) 621 66 90 09 4-9
E-Mail: info@idtronic-rfid.com
Web: idtronic-rfid.com

For further information & prices, please contact info@idtronic-rfid.com

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