



BLUEBOX UHF SR 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 – 928 MHz (FCC)

DESCRIPTION

iDTRONIC's SR 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 8 m (up to 3 cm with NFC tags)
Connector Type	TNC-Female
EIFF	> 15 dB
Antenna Gain	< -30 dBi

PHYSICAL | ENVIRONMENTAL SPECIFICATIONS

Dimensions	90 × 63 × 31 mm
Housing-Material	PC
Protection Class	IP67
Operating Temperature	-20 °C to +55 °C
Humidity	5% to 95%

SUPPORTED TRANSPONDER

ISO18000 - 6B

ISO18000 - 6C

EPC Class 1 Gen 2

ORDER CODES

ORDER CODE

R-IN-UHF-9123U

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