### 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

### SUPPORTED TRANSPONDER

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

### 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%

### ORDER CODES

**ORDER CODE**

R-IN-UHF-9123U