

# BLUEBOX HF – Cylindrical Antenna



IDTRONIC's BLUEBOX Controller & Antenna family is well suited for industrial and enterprise applications, where reliable, robust and well performing products are needed. All components are designed as a powerful combination for an easy and cost efficient system installation.

The BLUEBOX HF – Cylindrical Antenna is an antenna that perfectly fits into M30 connectors. This powerful device can achieve a reading distance of up to 6 cm. The combination of a modern RF module and an up-to-date controller engine enables a fast data processing and high reading rates in one device.

## Applications

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

## Features

- HF 13.56 MHz (ISO14443A + MIFARE Family, ISO15693, ISO18000-3)
- Ruggedized product design and enclosures
- Common SDK for all BLUEBOX products
- BLUEBOX SHOW applications software
- CE approved



## Technical Data

### Specifications

Housing-Material:	Stainless steel, PC
Dimensions:	M30 × 78 mm
Protection Class:	IP67
Cable Length:	1.5 m
Operating Frequency:	13.56 MHz
Operating Distance:	Up to 6 cm
Antenna Connector:	Lumberg

### Environmental Conditions

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

### Supported Transponders

ISO14443A + MIFARE Family
ISO15693
ISO18000-3

### Applicable Standards

Radio Regulation:	CE
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## Order Code

R-IN-HF-9221H