iDTRONIC
PROFESSIONAL RFID

RFID HF ANTENNA
CYLINDRICAL ANTENNA M30

APPLICATIONS

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

FEATURES

- 13.56 MHz
- Ruggedized Product Design
- SDK for all BLUEBOX Products
- BLUEBOX SHOW
- CE approved

DESCRIPTION

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.

TECHNICAL DATA

ELECTRICAL SPECIFICATIONS	
Operating Frequency	13.56 MHz
Operating Distance	up to 6 cm*

MECHANICAL SPECIFICATIONS	
Housing-Material	Stainless Steel, PC
Dimensions	M30 × 1.5 × 78 mm
Protection Class	IP67
Cable Length	1.5 m
Antenna Connector	Lumberg

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

SUPPORTED STANDARDS | TAGS
ISO 14443A + NXP MIFARE Family, ISO 15693, ISO 18000-3

APPLICABLE STANDARDS	
Radio Regulation	CE

*Reading distance depends on tag, antenna and environmental conditions

ORDER CODES

VERSIONS	ORDER CODES
M30 × 1.5 × 78 mm	R-IN-HF-9221H

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