



# UHF Compact Antenna

Due to its design, the UHF Compact Antenna is particularly suitable for applications with limited space. It is designed as a circular antenna and can be used for a wide range of applications in industrial and office environments.

The antenna can be easily integrated and is equally suitable for wall mounting or tabletop use. It is available in protection class IP20.

## Technology

RFID Antennas Frequency: 865 - 868 MHz (Europe)

## Features

- » Robust connectors for secure connections
- » Different types and cable lengths available
- » Typical reading range < 500 mm (depending on transponder type)

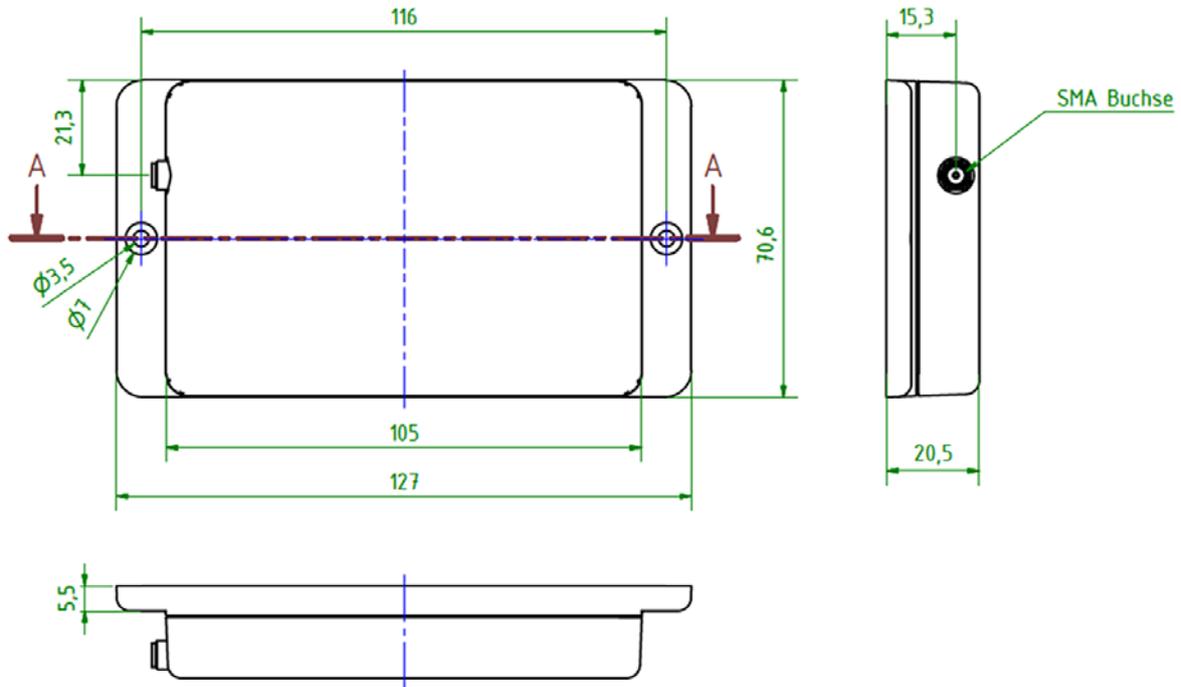
## Cable type

- » RG 58 black, 50 Ω, temperature range from -35 / +80°C

## Connection options

- » SMA standard connector  
Customized connections and cable lengths possible

**Compatible with HERMOS RFID readers (base UHF)**



Item number	Description		
	Housing	Plug type	Length
HRF.A.UFX.CZ.SS.00	ABS dark gray	SMA	-

(Further variants and customer-specific configurations available on request)

## Technical data

**Design:** Compact antenna  
**Polarization:** circular  
**Dimensions:** 127 x 71 x 20 mm  
**Weight:** 140 g  
**Antenna material:** ABS, dark gray  
**Frequency:** 865 - 868 MHz (Europe)

**Connector type:** SMA  
**Protection class:** IP20  
**Operating temperature:** -10 °C to 50 °C  
**Storage temperature:** -40 °C to +85 °C  
**Permissible humidity:** 25% to 80% at 50°C  
**Conformity:** RoHS, REACH

