



# UHF Mini Antenna

Due to its design, the UHF Mini 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 < 300 mm (depending on transponder type)

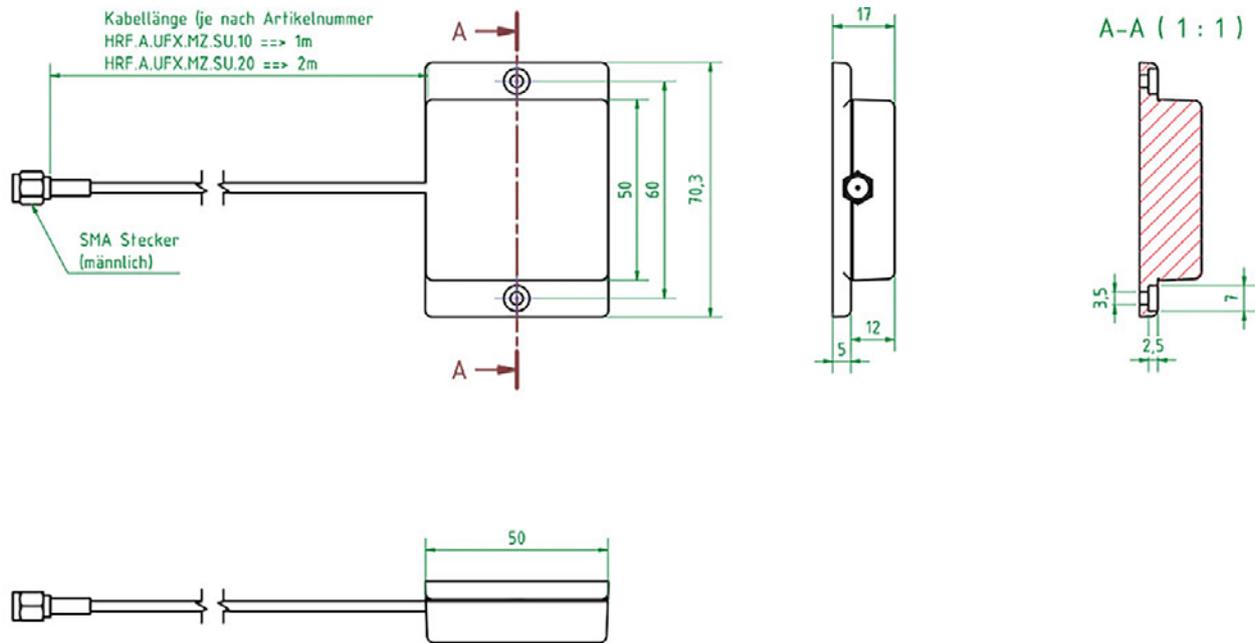
## Cable type

- » RG 174 black, 50  $\Omega$ , temperature range from -35 / +80°C.
- » The cable is permanently connected.

## 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.MZ.SU.10	ABS dark gray	SMA	1,0 m
HRF.A.UFX.MZ.SU.20	ABS dark gray	SMA	2,0 m

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

## Technical data

Type: mini antenna  
 Polarization: circular  
 Dimensions: 70 x 50 x 19 mm  
 Weight: 140 g  
 Antenna material: ABS  
 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

