



## LF rod Antenna S

The LF rod antenna S in the gray standard housing is a universally applicable and very compact solution for the LF range. The antenna is offered with a variable connector assembly. You can choose between Lemo standard connector, straight (picture) or angled and SMA connector. The cabling is done with a PVC cable, black. We offer different cable lengths.

### RFID Antennas Frequency: 134,2 kHz

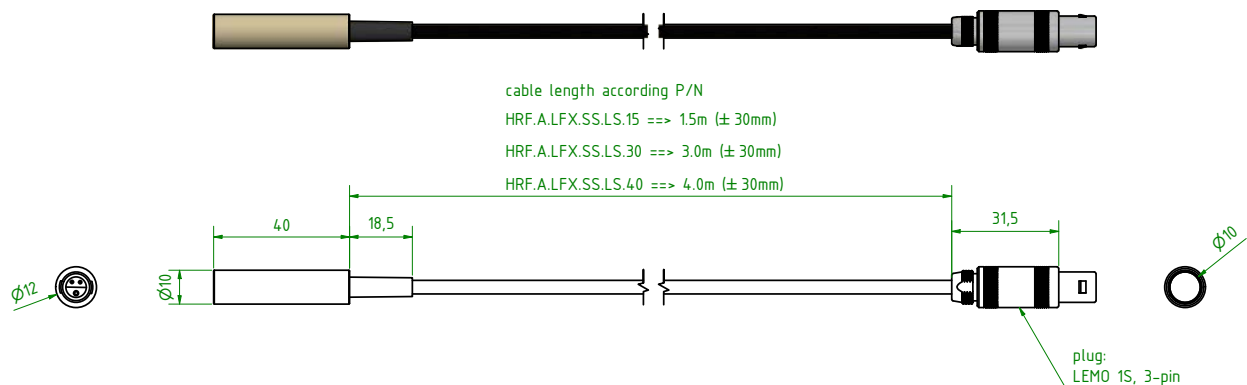
- » Convenient plug-in connections for immediate use (push-pull system)
- » Robust connectors for secure connections
- » Different types and cable lengths available
- » Compatible with HERMOS RFID readers (base LF)

### Cable type

- » PVC black
- » Antenna housing: standard, max. reading range < 100 mm (depending on transponder type)

### Connection options

- » Cable eyelets for screwing on
- » Open end, on request pre-assembled with Lemo standard connector, straight or angled or SMA connector



Part number	Description		
	Housing	Plug type	Length
HRF.A.LFX.SS.SS.xx	Standard housing	SMA	xx = antenna cable in dm (10 = 1.0 m), available lengths: 1.0 1.5 2.0 3.0 4.0
HRF.A.LFX.SS.LS.xx	Standard housing	LEMO 1S	xx = antenna cable in dm (10 = 1.0 m), available lengths: 1.0 1.5 2.0 3.0 4.0
HRF.A.LFX.SS.LW.xx	Standard housing	Lemo Angle plug	xx = antenna cable in dm (10 = 1.0 m), available lengths: 1.0 1.5 2.0 3.0 4.0
HRF.A.LFF.SS.LS.xx	Standard housing	LEMO 1S	xx = antenna cable in dm (10 = 1.0 m), available lengths: 1.0 1.5 2.0 3.0 4.0, flex cable
HRF.A.LFF.SS.SS.xx	Standard housing	SMA	xx = antenna cable in dm (10 = 1.0 m), available lengths: 1.0 1.5 2.0 3.0 4.0, flex cable
HRF.A.LFC.SS.KS.xx	Standard housing	Cable eyelets	xx = antenna cable in dm (10 = 1.0 m), available lengths: 1.0 1.5 2.0 3.0 4.0

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

## Technical data

Design: rod antenna  
 Length antenna cylinder: 40 mm  
 Diameter antenna cylinder: 10 mm  
 diameter antenna cable: 4,1 mm  
 Antenna material: PP, light gray  
 Frequency: 134,2 kHz  
 Cable sheath: PVC

Cable length:  
 Connector type:  
 Operating temperature:  
 Storage temperature:  
 Permissible humidity:  
 Conformity:

Variant dependent  
 depending on variant  
 0 °C to 50 °C  
 -25 °C to 70 °C  
 at 50°C 25% to 80%  
 RoHS, REACH

