

This rugged UHF RFID antenna offers the ability to operate outdoors and indoors and is an essential operational component in reader-tag communications meeting the needs of any RFID system requirements.



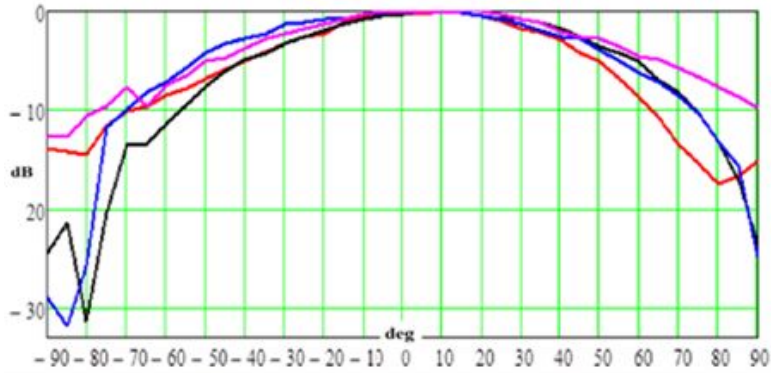
Key Features

- ✓ Rugged, compact design
- ✓ Operating frequency: 865 to 930 MHz
- ✓ Maximum performance and flexibility
- ✓ Circular polarization
- ✓ Antenna gain: 7.8 dBi

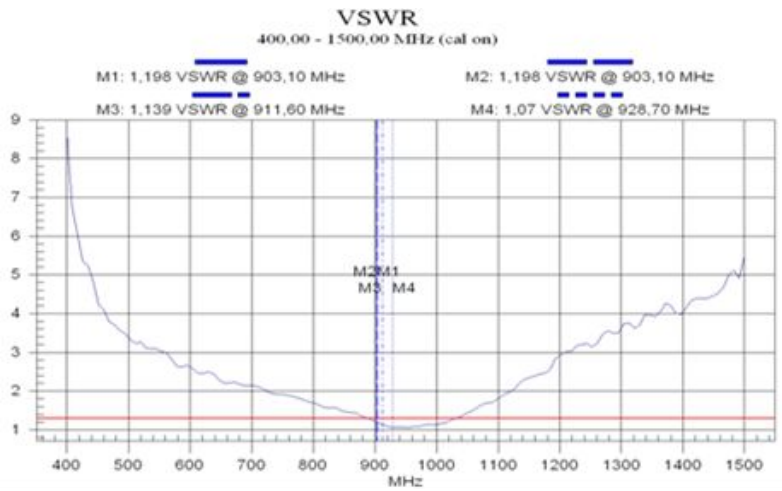
Technical Specifications

Physical	
Dimensions	250 mm L x 250 mm W x 58 mm D
Connector Type	SMA female, requires accessory cable to connect to reader, can be ordered separately
Connector Position	Rear
Mounting bracket	Available separately
Weight	0.46 kg
Casing	Metal with plastic cover
Operational	
Freq. Range	865-930 MHz (US and Canada, Europe, Australia, Japan and China)
Gain	7.8 dBi
VSWR	from 1.07 : 1 to 1.19 : 1– for band 902 – 928 MHz; 1.21:1 – centre of EU band 865 – 868 MHz
Polarization	LHCP or RHCP
3db Beam Width	64°
Input Power	34 dBm
Max Power	5 watts
Environmental	
Operating Temperature	-0° C to +55° C (indoor use only)
Storage Temperature	-40°C to +70° C

Measured pattern of an antenna



Measured VSWR



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