

***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.***



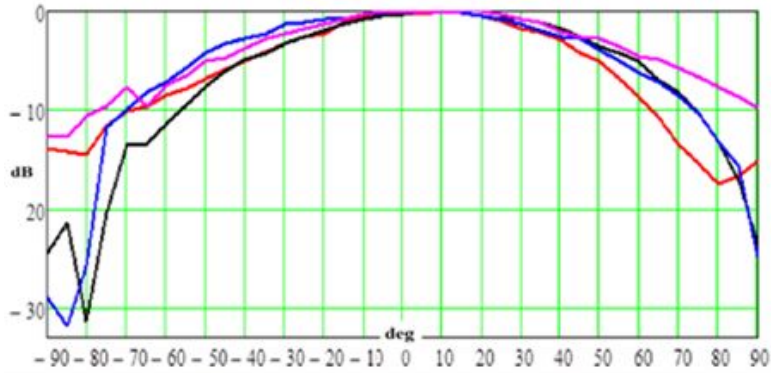
### **Key Features**

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

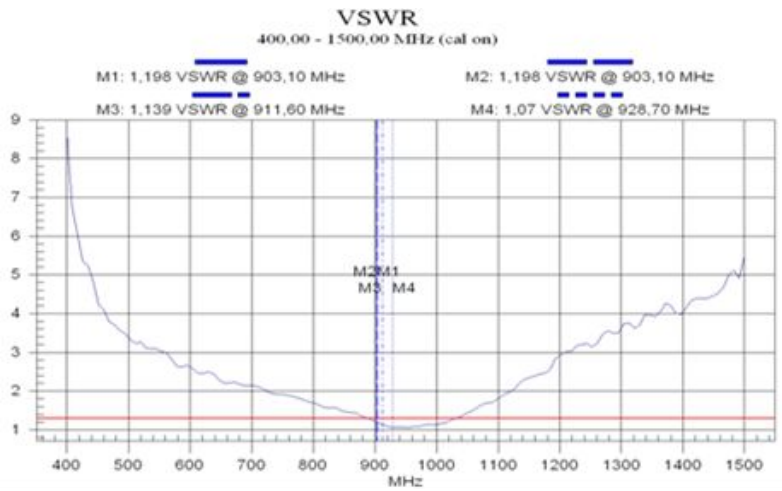
## Technical Specifications

<b>Physical</b>	
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
<b>Operational</b>	
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
<b>Environmental</b>	
Operating Temperature	-0° C to +55° C (indoor use only)
Storage Temperature	-40°C to +70° C

**Measured pattern of an antenna**



**Measured VSWR**



<p><b>GAO Group</b></p> <p><a href="http://GAORFID.com">GAORFID.com</a></p> <p><a href="http://GAOTek.com">GAOTek.com</a></p> <p><a href="http://GAOResearch.com">GAOResearch.com</a></p>	<p>Toll Free (USA &amp; Canada)</p> <p><b>1-877-585-9555</b></p> <p>All Other Areas</p> <p>416-292-0038</p> <p>Dial Ext.601 for Sales        Ext.602 for Other Inquiries</p> <p><a href="mailto:sales@GAORFID.com">sales@GAORFID.com</a></p>
---	--