

Datasheet for  
**RT-O-LTE-WHIP1**  
Compact LTE “screw-on” antenna.



This compact combined cellular antenna supports all frequencies of **LTE/UMTS/GSM**. It is designed for easy “screw-on” directly onto the RTCU device.

### **Electrical Characteristics**

#### **UMTS/GSM Antenna**

<b>Item</b>	<b>Specifications</b>	<b>Post Environmental Tolerance</b>
Center Frequency	700 MHz ~ 2700 MHz	± 3 MHz
V.S.W.R (in BW)	<2 : 1	-
Gain (Zenith)	2 dB	± 0.5 dB
Polarization	Linear	-
Impedance	50 Ω	-

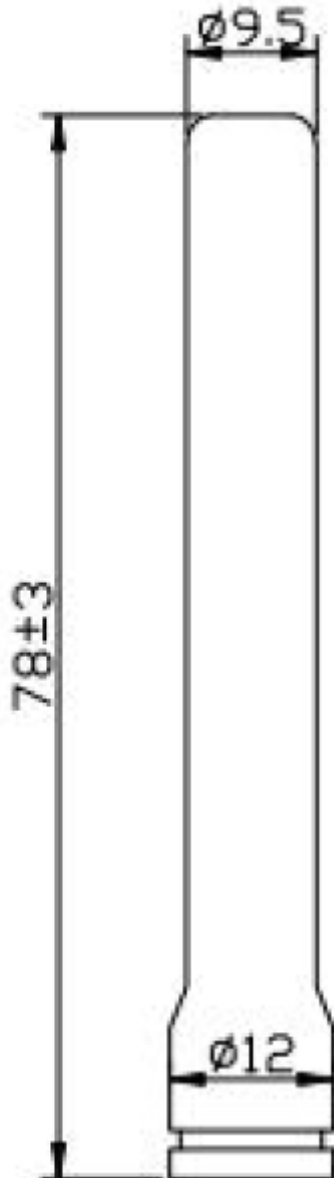
### **Mechanical Specifications**

<b>Item</b>	<b>Specifications</b>
Connector	SMA male for direct screw-mounting.
Plastic Housing	Black
Height	78±3mm.
Min/Max diameter	9.5 mm / 12 mm

### **Environmental Specifications**

<b>Item</b>	<b>Specifications</b>
Relative Humidity Range	Up to 95 %
Operating Temperature Range	-40 °C ~ +85 °C
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours

***Dimensions (in mm)***



### Frequency response

