

Datasheet for
RT-O-LTE-WHIPA1
High-gain LTE screw-on antenna.



This cellular monopole antenna supports LTE/UMTS/GSM frequency bands from 698 MHz to 2700 MHz. It is designed for easy screw-on directly onto the RTCU device.

Electrical Characteristics

LTE/UMTS/GSM Antenna

Item	Specifications	Post Environmental Tolerance
Center Frequency	698 MHz ~ 960 MHz / 1710 MHz ~ 2700 MHz	± 3 MHz
V.S.W.R (in BW)	<2 : 1	-
Gain (Zenith)	5 dBi	± 0.5 dB
Polarization	Linear	-
Impedance	50 Ω	-

Mechanical Specifications

Item	Specifications
Connector	SMA male for direct screw-mounting.
Plastic Housing	Black
Height	172 mm max.
Min/Max diameter	See dimensions drawing.

Environmental Specifications

Item	Specifications
Environmentally Friendly	RoHS compliant
Operating Temperature Range	-10 °C ~ +60 °C
Vibration	10 to 55Hz with 1.5mm amplitude 2 hours

Dimensions (in mm)

