

Technical Data for GSM Antenna Model : RT-O-GSM-S1



Electrical Characteristics

GSM Antenna

Item	Specifications	Post Environmental Tolerance
Center Frequency	Low: 870 MHz ~ 960 MHz High: 1710 MHz ~ 1990 MHz	±3 MHz
V.S.W.R (in BW)	≤1.6:1	-
Polarization	Vertical	
Gain (Zenith)	3.5 dB	±0.5 dB
Impedance	50 Ω	-

Mechanical Specifications

Item	Specifications
Connector	SMA-J
Colour	Black
Material	PE, copper, brass and Teflon

Environmental Specifications

Item	Specifications
Relative Humidity Range	55 ~75 % RH
Operating Temperature Range	-40 °C ~ +85 °C
Storage Temperature Range	-40 °C ~ +100 °C

Dimensions (Unit : mm)

