



## Application

- UHF 840~868 MHz in smart meter, industrial data acquisition system and door control system
- Device for external UHF system

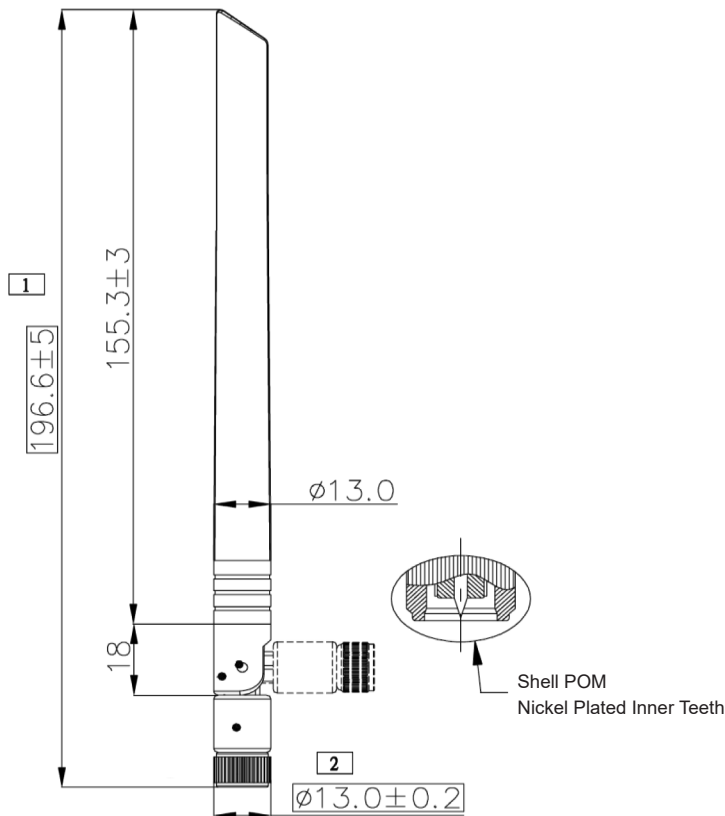
## Electrical Characteristics

Frequency Range	: 840 ~ 868 MHz
Impedance	: 50Ω Nominal
VSWR	: 2 Max.
Radiation	: Omni-directional
Polarization	: Linear Vertical
Admitted Power	: 1W

## Material

Antenna Cover	: TPEE (Black)
Antenna Down Base	: PC+PBT (Black)
Antenna Up Base	: PC (Black)
Rivet	: POM (Black)
Connector	: SMA Plug (Black)
PCB	: FR4
Sponge	: Black
Cable	: RG178 Cable; Brown

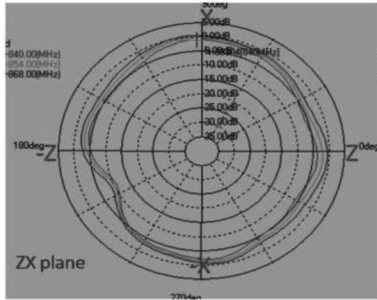
## Diagram



Dimensions : Millimetres

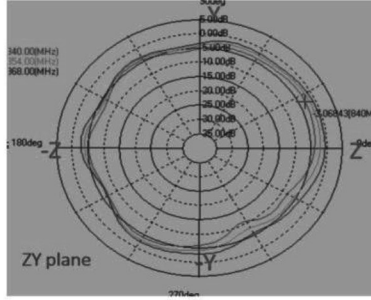
Phi=0.00deg

Gain . dB



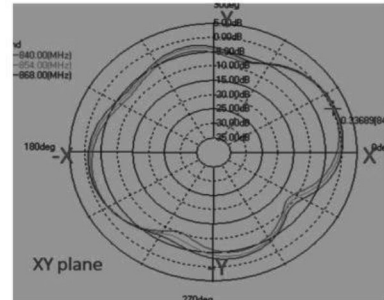
Phi=90.00deg

Gain . dB



Theta=90.00deg

Gain . dB



## Part Number Table

Description	Part Number
RF Antenna, 840 to 868MHz, GSM / UHF, 2dBi, 50Ω, SMA Connector, Linear Vertical	RFDPA191300SMBB801

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