



INDUSTRIAL SHIELDS

Antenna 2G 2DBI Quad-Band 850/900/1800/1900 MHz, SMA plug connector for GSM module



- GSM L-type antenna, GPS Active Antenna, GPS+GSM Antenna
- Frequency: 824~894/1710~1990MHZ,
880~960/1710~1990MHZ,
1920~2170MHZ
- Certification: ROHS, CE, ISO9001:2000

Applications:

- GSM & GPRS, LoRa (Europe Freq. Band)
- General Low Power Radio applications

Disclaimers

Performance Data

The performance data given in this manual is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of INDUSTRIAL SHIELDS' test conditions, and the users most correlate it to actual application requirements. Actual performance is subject to the INDUSTRIAL SHIELDS Warranty and Limitations of Liability.

Change in Specifications

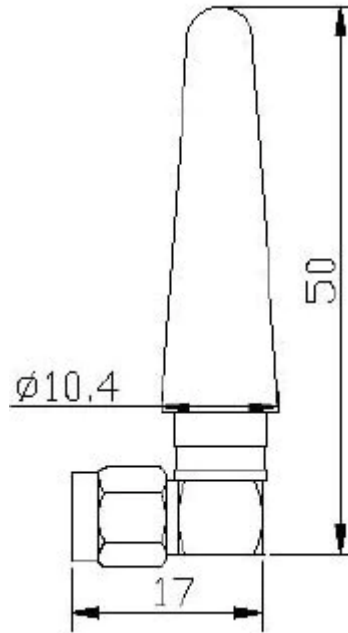
Product specifications and accessories may be changed at any time based on improvements and other reasons.

It is our practice to change model numbers when features are changed, or published ratings or when significant construction changes are made. However, some specifications of the products may be changed without any notice. When in doubt, special numbers may be assigned to fix or establish key specifications for your application on your request. Please consult with your INDUSTRIAL SHIELDS representative at any time to confirm actual specifications of purchased products.

Ref: IS.ACIOTANT868WRA

Revised December 2021

Dimensions:



Operation:

Post Environmental Tolerance (Refer to the form 1~2)

Condition: Temperature range $25\pm 3^{\circ}\text{C}$

Relative Humidity range: 55~75%RH

Operating Temperature range: $-40^{\circ}\text{C}\sim +85^{\circ}\text{C}$

Storage Temperature range: $-40^{\circ}\text{C}\sim +100^{\circ}\text{C}$

Moisture proof:

The device should satisfy the electrical characteristics specified in form 1~2 after being exposed to the temperature $40\pm 2^{\circ}\text{C}$ and the relative humidity 90~95% RH for 96 hours and 1~2 hours recovery time under normal conditions.

The device should satisfy the electrical characteristics specified in form 1~2 after applied to the vibration of 10 to 55Hz with amplitude of 1.5mm for 2 hours each in X , Y and Z directions.

Drop Shock:

The device should satisfy the electrical characteristics specified in form 1~2 after dropping onto the hard wooden board from the height of 30cm for 3 times each facet of the 3 dimensions of the device.

- **ROHS Directive 2002/95/EC**
 - Specifies certain limits for hazardous substances.
- **WEEE Directive 2002/95/EC**
 - Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point.
- **Waste Batteries and Accumulators: Directive 2006/66/EC**
 - Where Batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point
 - Do not discard with normal waste, please recycle.

About Industrial Shields:

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