

Antenna For Wi-Fi/4G and Sub-1G Wireless Communications

WIFI & 4G-MAT
433 & 868-MA

Version 1.2-2605

Design and specifications are subject to change without notice.



Simple Wireless Connectivity

- Used to Connect Device to the Monitoring Platform Via Wi-Fi & 4G or Sub-1G Wireless Communication
- Indoor or Outdoor Usage
- Antenna External for Wider Range

Technical Specifications

433&868-MAT



Product Model	433&868-MAT	
Antenna form	External Suction Cup Antenna	
Working Frequency	433±10MHz	868±10MHz
Gain	-0.16dBi@433MHz	-0.6dBi@868MHz
Antenna Efficiency	42.25%@433MHz	47.9%@468MHz
VSWR	≤2.0	
Ploriaztion	Linear Polarization	
Radiation Pattern	Omnidirectional	
Impedance	50Ω	
Interface	SMA/RG174, 1.5-meter cable	
Overall Dimensions	28.5 × 116mm	
Weight	37.8g	
NSS	144H (SMA)	
Operatin Temp	-40°C to 85°C	
Storing Temp	-40°C to 85°C	

Technical Specifications

WIFI&4G-MAT



Product Model	WIFI&4G-MAT
Antenna form	External Antenna
Working Frequency	4G&WIFI
Gain	> 0dbi@824-2700M
Antenna Efficiency	> 48%@824-2700M
VSWR	< 1.8@824-2700M
Ploriaztion	Linear Polarization
Radiation Pattern	Omnidirectional
Impedance	50Ω
Interface	SMA, 1.5-meter cable
Overall Dimensions	30 × 88mm
NSS	24H
Operatin Temp	-40℃ to 85℃
Storing Temp	-22℃ to 55℃