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Product Name 868mhz antenna
Model No. FC-ISM-B11
Note:868MHz,3.5dbi gain,SMA male Connector,ROHS,CE,REACH

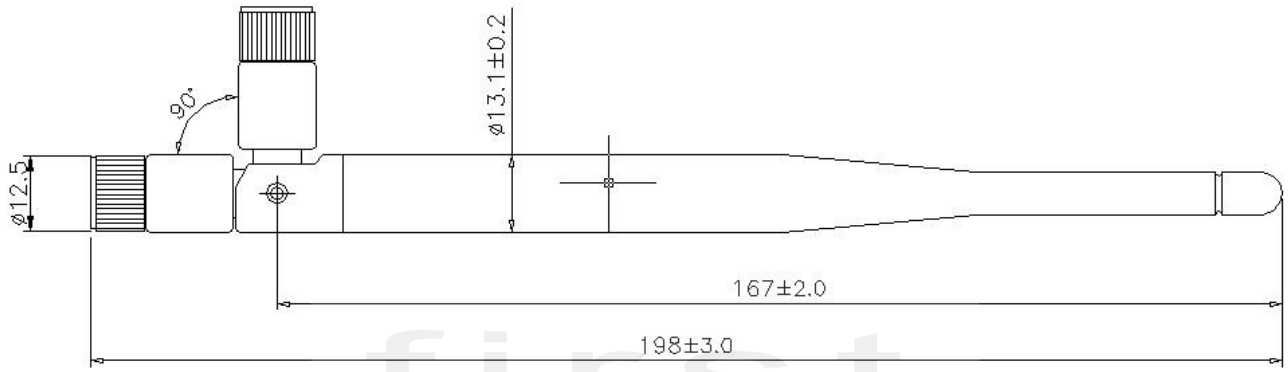
1.PRODUCT TECHNICAL SPECIFICATION

Electrical Specifications	
Centre Frequency	868MHz
Gain	3.5dBi
VSWR	≤1.5
Input Impedance	50Ω
Polarization	Vertical
Max Input Power (w)	50
Mechanical Specifications	
Working Temperature	-40℃~ + 85℃
Connector Type	SMA male（FME/BNC/MCX/MMCX and so on）
Size	198±3mm
Antenna Cover Material	ABS
Color	Black

2.PRODUCT PICTURE



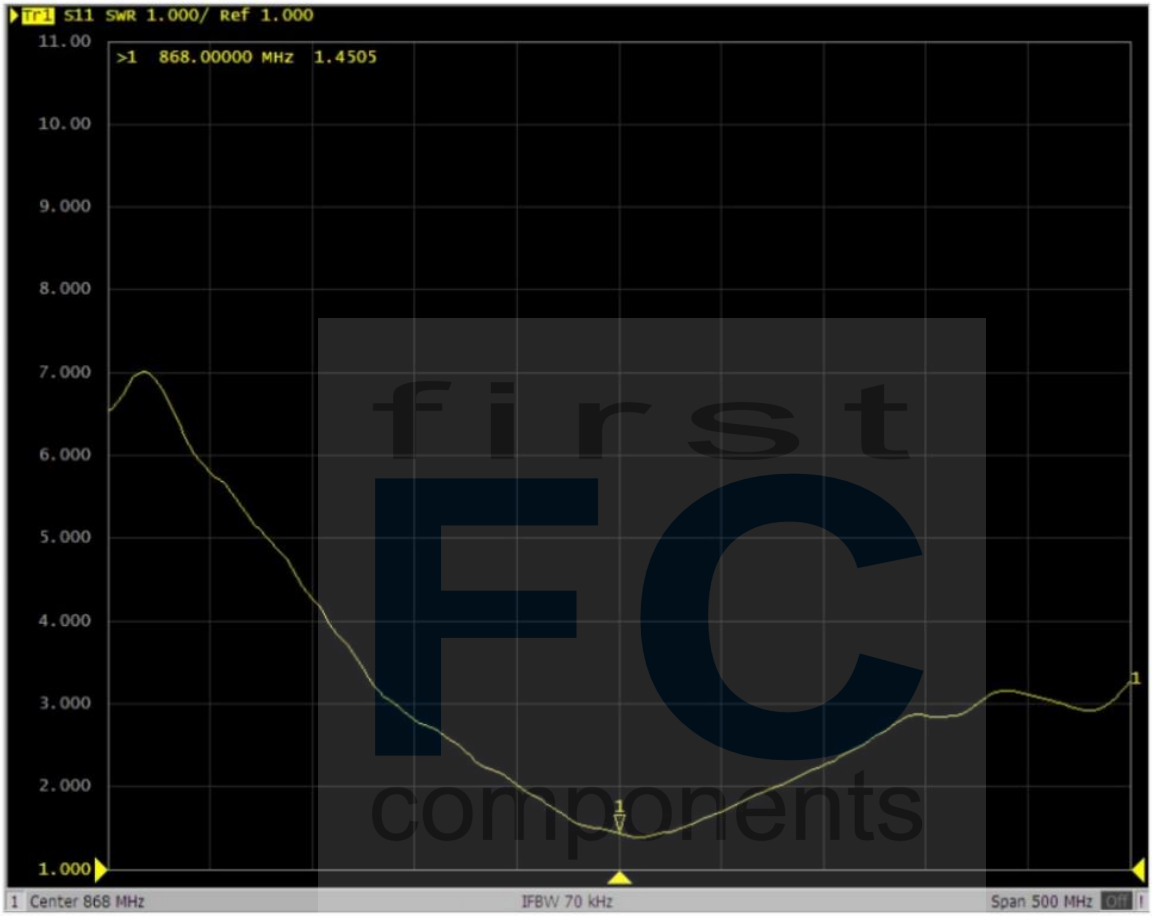
3.PRODUCT TECHNICAL SPECIFICATION

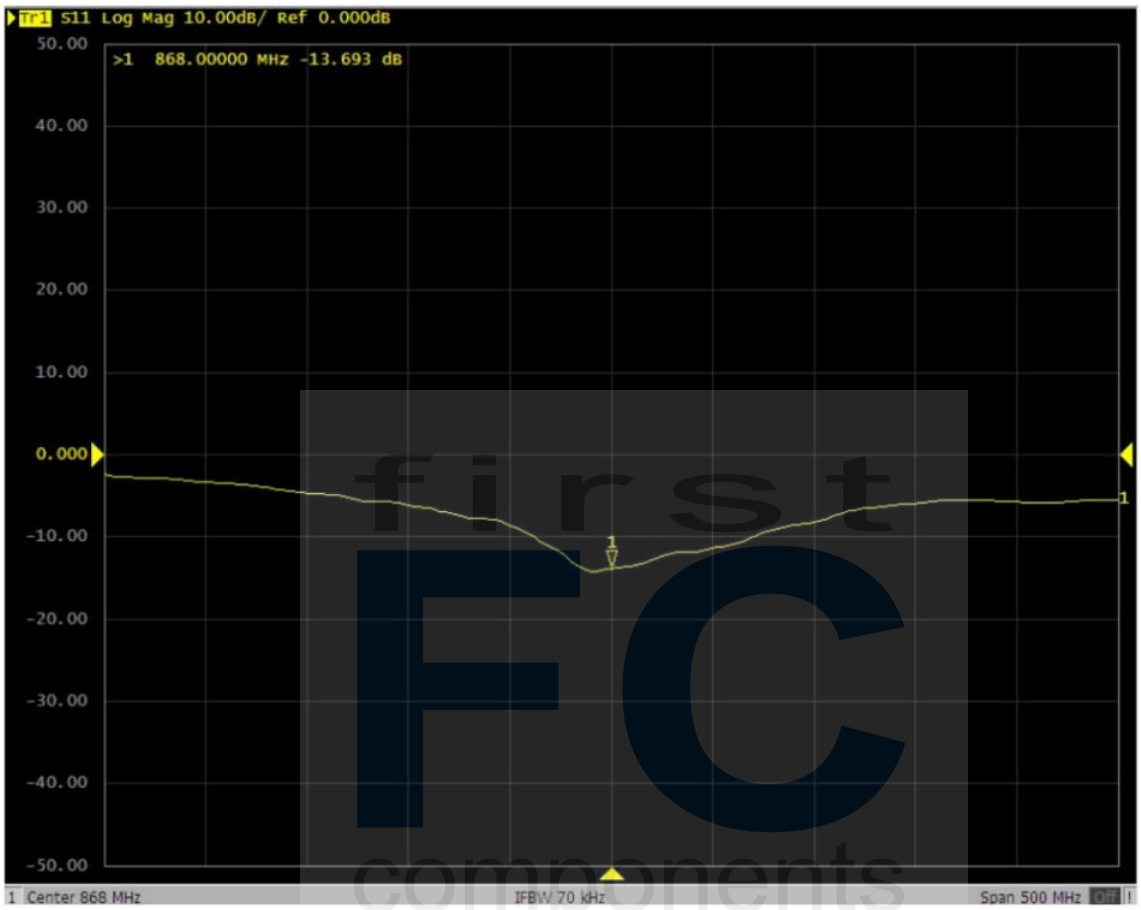


4.ELECTRIC APPLIANCE CHARACTERISTICS

ITEM		TEST CONDITION	SPECIFICATION
1	Return Loss	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Return Loss Characteristics.	
2	VSWR	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 VSWR Characteristics.	
3	Smith chart	Using Agilent Network Analyzer 8753ET to Measure Antenna S11 Gain Response Characteristics.	
4	Gain response	Using Agilent Network Analyzer 8753ET to Measure Antenna S21 Gain Response Characteristics.	

5.Testing Report




Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB
>1 868.00000 MHz -13.693 dB
50.00
40.00
30.00
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
1 Center 868 MHz
IFBW 70 kHz
Span 500 MHz