

VHF ANTENNA

Model : TH-169



1. GENERAL DESCRIPTION

Model No	P/N
TH169	TH169-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	169Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1 at center
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA 180°(Male)
Antenna Dimensions	85.4mm ±2
Antenna Color	Black

Operating Temperature Range	-20°C~+70°C
Storage Temperature Range	-30°C~+80°C

2. Appearance

NO.	NAME	FINISH	Q, TV
01	Core tube	Black	01
02	SMA(Male)	Colden plating	01

	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
Third angle projection				180MHz	U/M		20121016	1
	TOLERANCE	Y, XX+0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					

3. Frequency



