

VHF/UHF Antenna

MODEL: TH-100A



1. GENERAL DESCRIPTION

P/N
TH100A-SMA(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	142~175/420~520 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	8.1 : 1
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
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Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	342mm ±10
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

NO.	MANE	FINISH	Q, TY
01	TOP	Black	01
02	Heat-shrink tube	Black	01
03	Core tube	Black	01
04	SMA (Male)	Chrom plating	01

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				142-175/420-520MHz	M/M		20161130	1
	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
SURFACE ROUGHNESS		APPEARANCE	TH-100A					

3. V.S.W.R.



