

VHF ANTENNA

Model : TH-145



1. GENERAL DESCRIPTION

Model No
TH145-BNC(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	140-150 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	BNC 180°(Male)
Antenna Dimensions	164mm ±3
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	BNC 180° (Male)	Nickel plating	01

164±3

Ø16

 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				135-165MHz	M/M		20100805	1
	TOLERANCE	X. X±0.3	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	S √√	APPEARANCE					

3. Return Loss, V.S.W.R. and Smith Chart



