

UHF ANTENNA

Model : MA-60



1. GENERAL DESCRIPTION

P/N
MA60-RG58-4M-N(M)

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

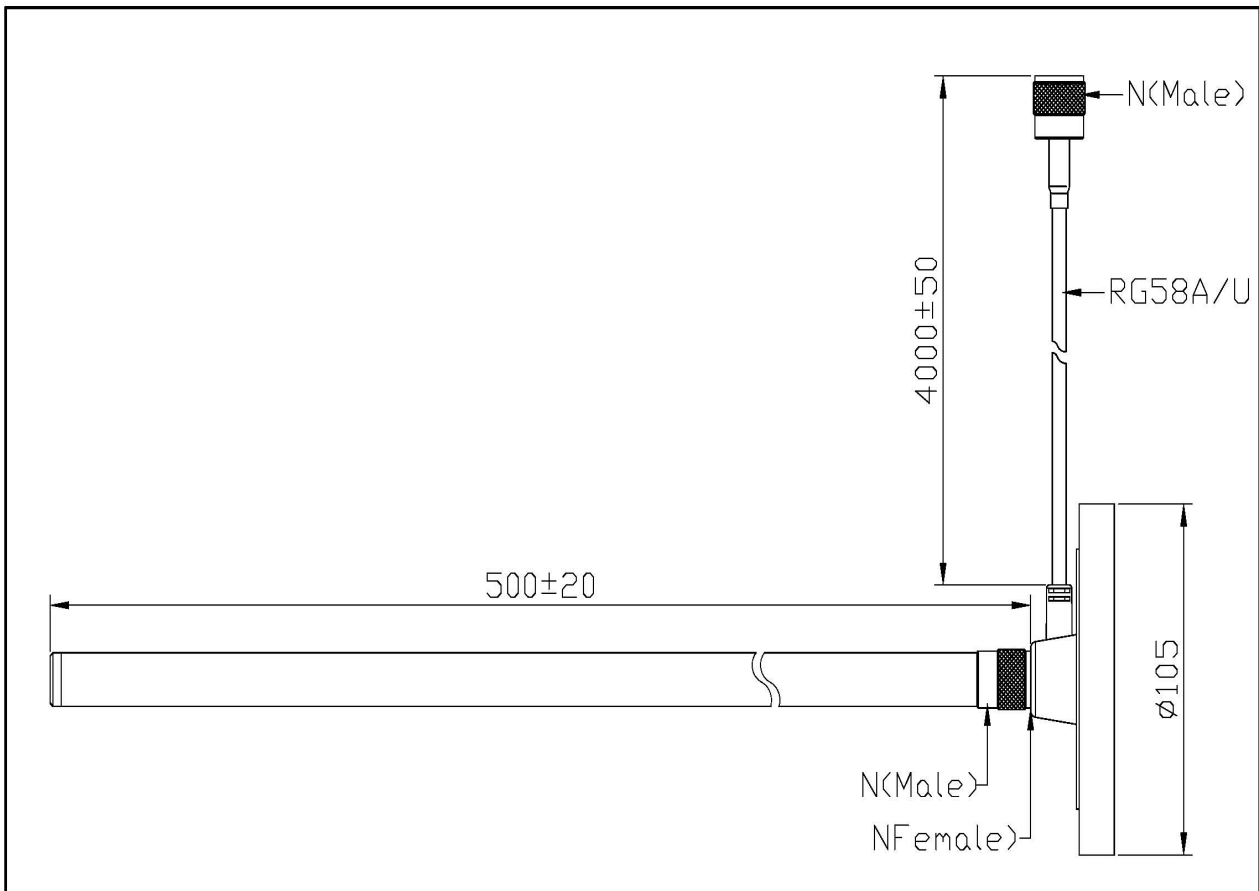
Parameter	Description
Frequency Band	518~590MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0 : 1


1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	N 180 ° (Male)

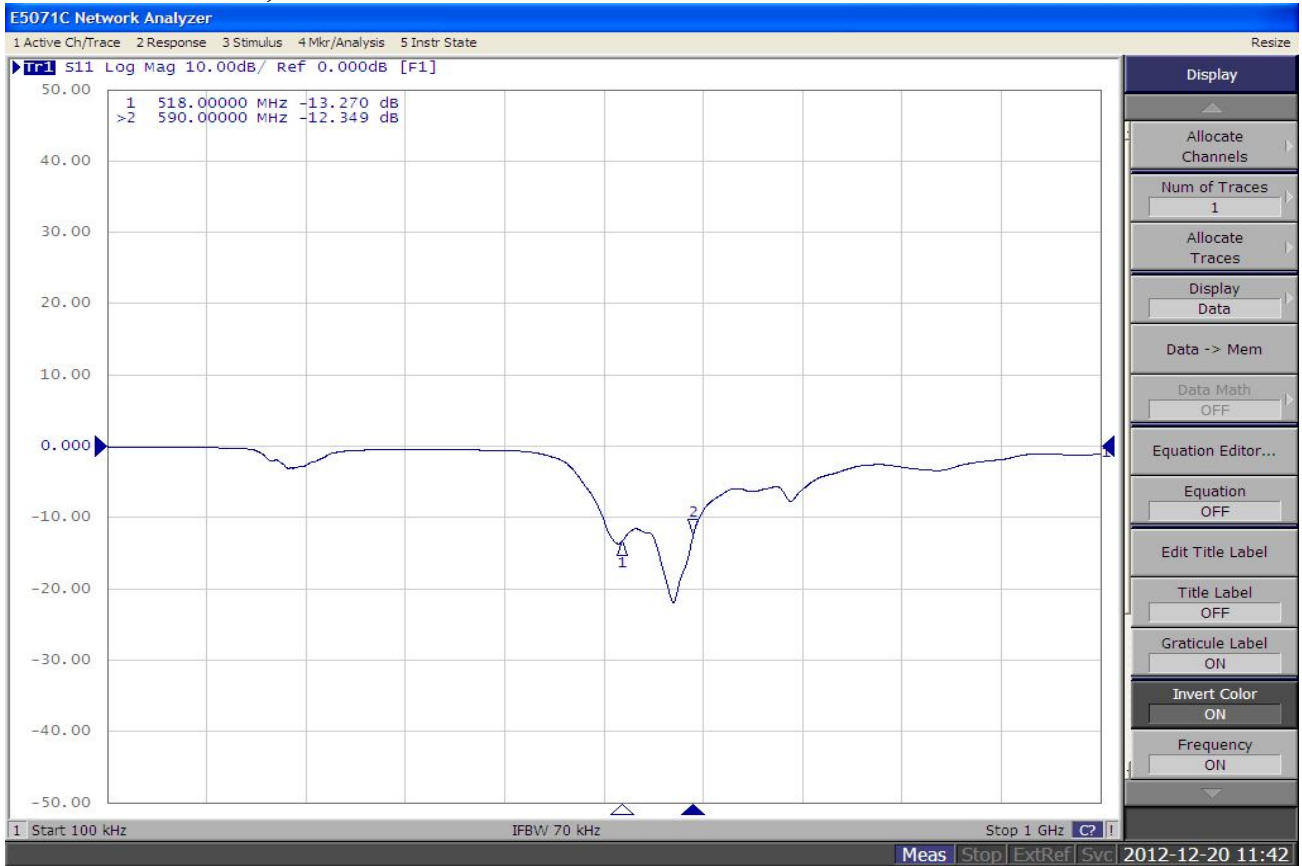
Antenna Dimensions	500 mm ±20
Antenna Cable Total Length	RG-58 A/U-4000mm ±50
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-35°C~+80°C

2. Appearance



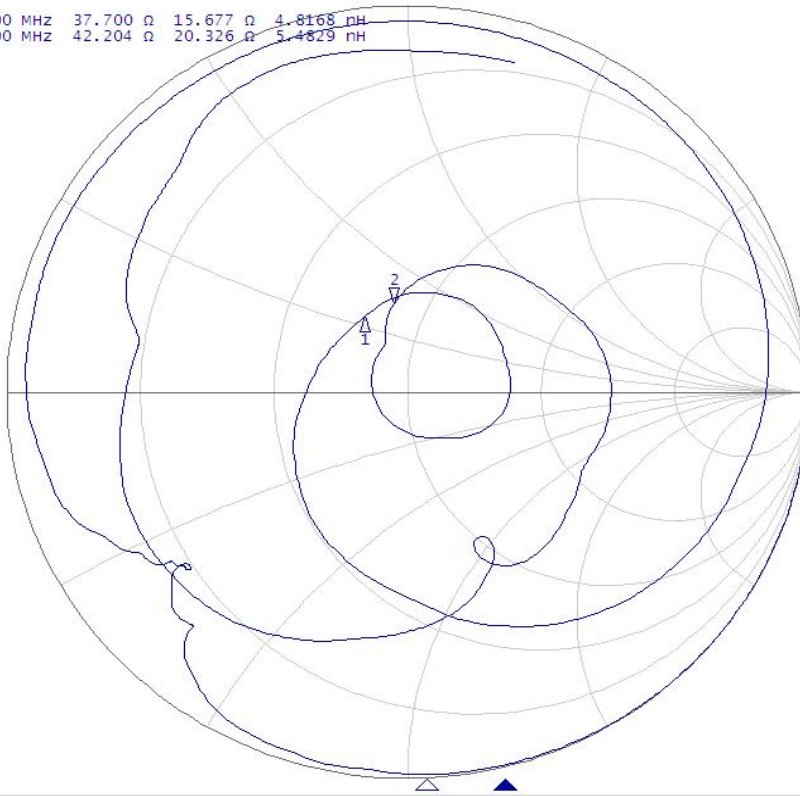
 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				518-590MHz	M/M		20121220	1
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\frac{S}{\sqrt{V}}$	APPEARANCE					

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



▶ Tr1 s11 smith (R+jX) scale 1.000U [F1]

1	518.00000 MHz	37.700 Ω	15.677 Ω	4.8168 nH
>2	590.00000 MHz	42.204 Ω	20.326 Ω	5.4829 nH



1 Start 100 kHz

IFBW 70 kHz

Stop 1 GHz

Meas Stop ExtRef Svc

2012-12-20 11:43

Multiport Test Set Setup

Test Set 1

E5091_9

Test Set 2

E5091_9

Return