





# Tekfun Co., Ltd.

## ANTENNA SPECIFICATIONS FOR APPROVAL

### 1 GENERAL DESCRIPTION

1.1 Type No. : I45-SS-V3

1.2 Customer P/N :

### 2 DESCRIPTION & APPLICATION

This antenna assembly is designed for use in 868MHz.

### 3 ELECTRICAL CHARACTERISTICS

Parameter	Description
Frequency Band	860/868/870 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0 : 1
Gain	1.8dBi max
<b>Mechanical</b>	
Antenna Type	External Antenna
Connector	SMA Male
Antenna Dimensions	60mm±2
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C
Waterproof	IP65-rating

### 4 PACKING

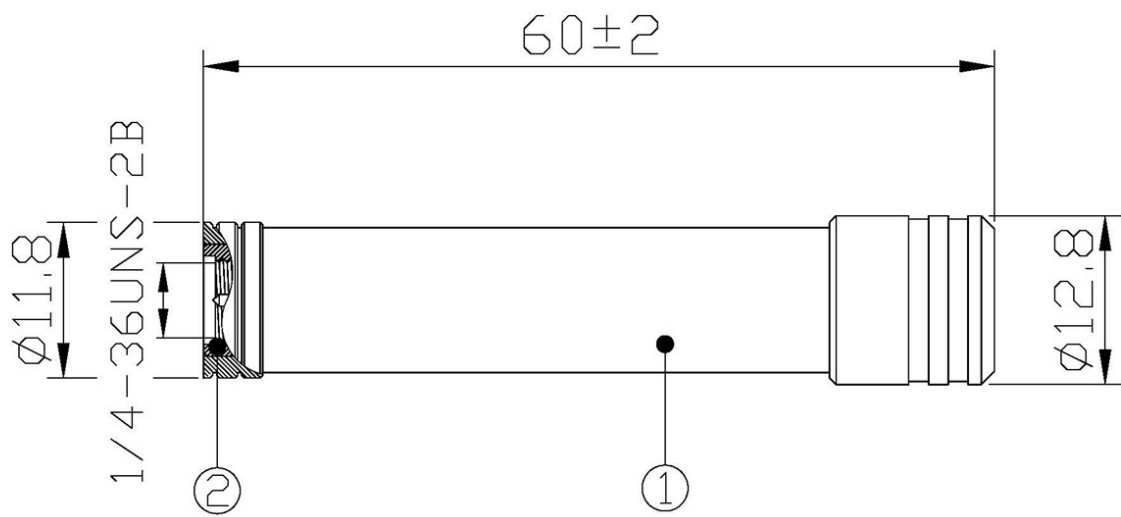
Poly Bag/ each



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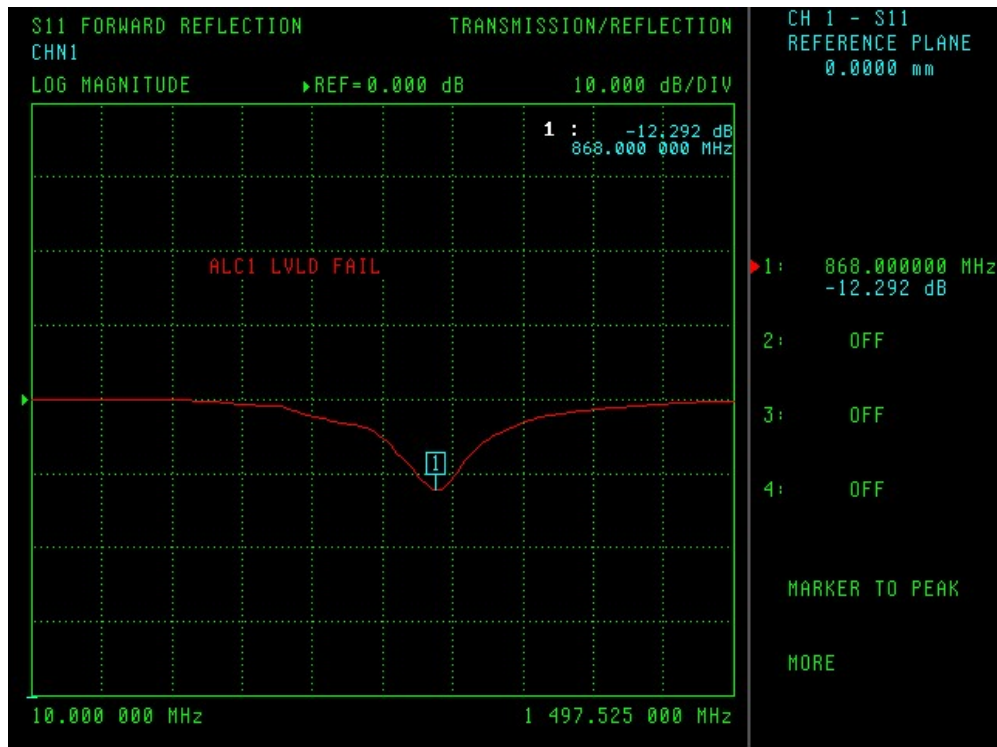
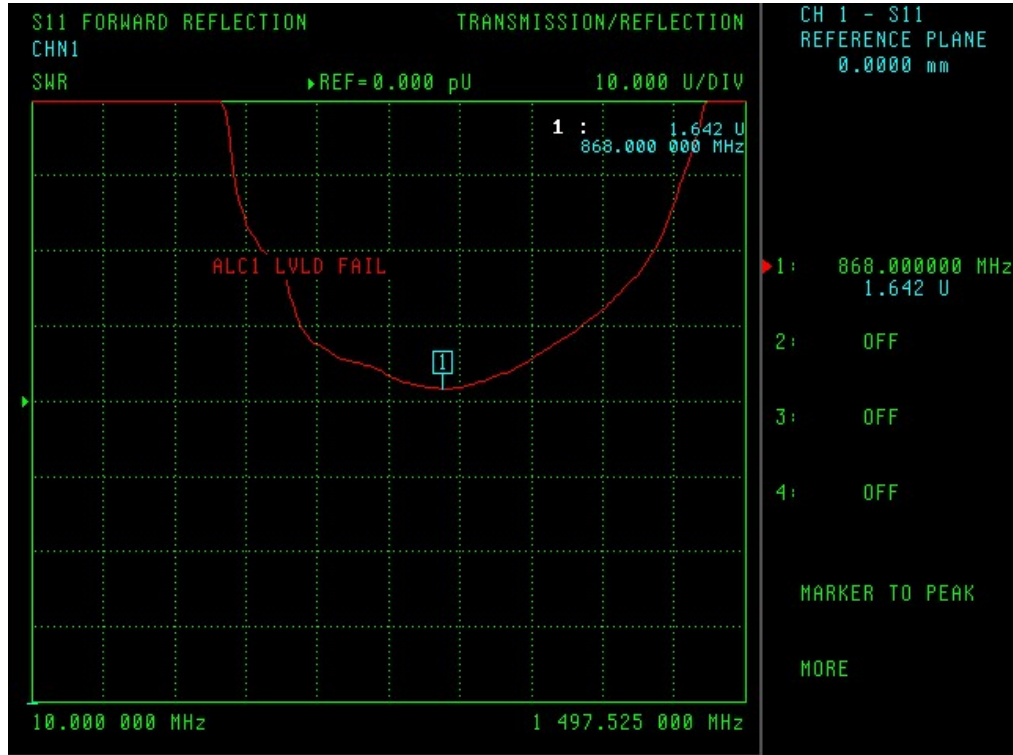
### 5. DRAWING

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



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### 6. TEST- VSWR and Return Loss





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7. TEST- Smith Chart

