

# ALLISCOM

## GPS Re-radiation system

### Data Sheet



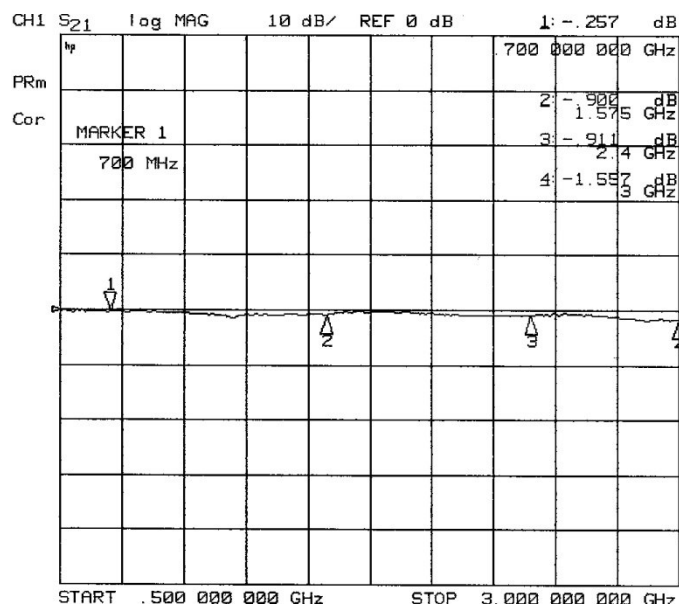
<b>Model No.</b>	<b>BIST2</b>
<b>Feature</b>	<b>Low lose Metal Structures High Isolation Low Profile</b>
<b>Benefit</b>	<b>High Performance Concealable Resistance Interference</b>
<b>Description</b>	<b>The module provides the active antenna system with the power required after adjusting and stabilizing the voltage of the DC power supply.</b>

# 1. Electrical Specifications

## 1.1 Electrical

Frequency	0.5GHz~ 3GHz
Supply Voltage	4.5V~ 24V
Input voltage	0: OFF 、 1: 5V 、 2: Through
Output voltage	0: OFF 、 1: 5V 、 2: Through
Max. load	1.5A Max.
Impedance	50Ω
Insertion Loss	2 dB Max.
Input VSWR & Output VSWR	2.0 Max.
Fuse	Maxnum:1.1(A) @5V

## 1.2 Gain Patterns

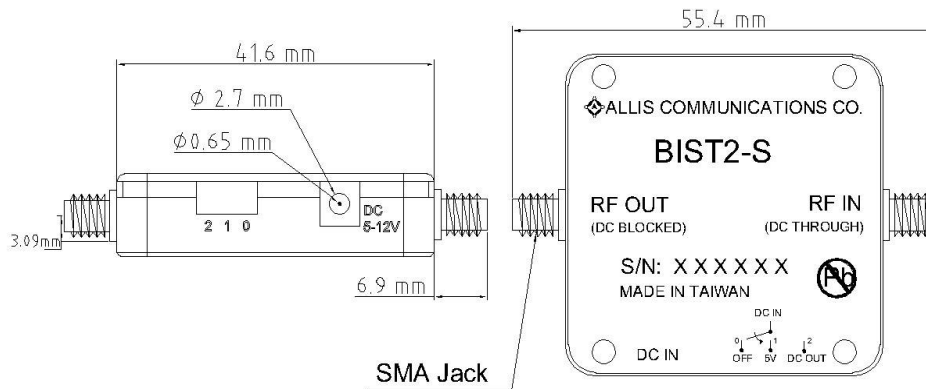


## 2. Mechanical Specification

### 2.1 Mechanical

Weight	33.6grams Max.
Size	41.6X41.3X10.1mm
Connector type	SMA Jack x 2      DC Jack x1
DC Center Pin	ψ0.64mm
Housing Material	Aluminum
Working Temperature	-30°C < T < +80°C
Storage Temperature	-40°C < T < +85°C

### 2.2 Outline and Dimension



Housing: Aluminum  
Unit: mm

UNLESS OTHERWISE SPECIFIED

TOLERANCES:

ANGLE	± 1 °
1 PLACE DECIMALS	± 0.2
2 PLACE DECIMALS	± 0.15
3 PLACE DECIMALS	± 0.05

