

# ALLISCOM

## GPS Re-radiation system

### Data Sheet



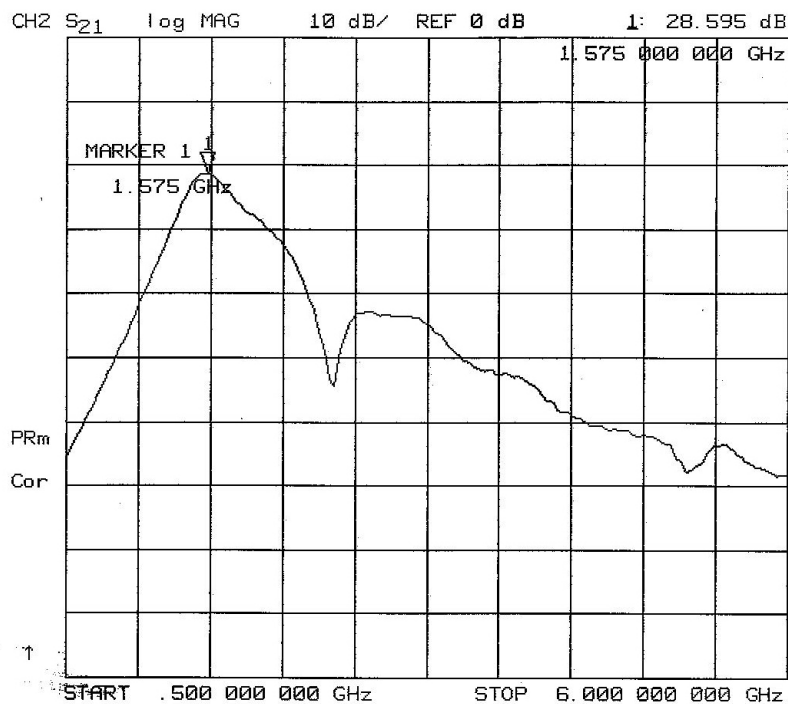
<b>Model No.</b>	<b>AMP28</b>
<b>Feature</b>	<b>Low Noise Figure &lt; 1.2dB</b> <b>Metal Structures</b> <b>High Isolation</b> <b>Low Profile</b>
<b>Benefit</b>	<b>High Performance</b> <b>Concealable</b> <b>Resistance Interference</b>
<b>Description</b>	<b>GPS signals received by the antenna that can be amplified to make up signal attenuation due to the cable transmission line. Low noise amplifier and each amplifier is approximately 28dB.</b>

# 1. Electrical Specifications

## 1.1 Electrical

Frequency	1525~1625MHz
Impedance	50 Ω
Gain	25 dB Min. 28dB Typical
Noise Figure	1.2dB Typical
DC Voltage	5V to 12V
Out P1dB compression	1dBm Typical
Input Power	17dBm
DC Current	30mA Max.
Power Consumption	360 mW
Fuse	Maxnum:1.1(A)
ESD DC Spark-Over voltage	140V(98~182)

## 1.2 Gain Pattern



## 2. Mechanical Specification

### 2.1 Mechanical

Weight	39.4 grams Max.
Size	41.60X41.3X10.1mm
Connector type	SMA x 2 ( Jack )
Housing material	Aluminum
Working Temperature	-30°C < T < +80°C
Storage Temperature	-40°C < T < +85°C

### 2.2 Outline and Dimension

