

# ALLISCOM

## Re-radiation System Power Divider

### Data Sheet



**Model No.** PDV12/PDV14

**Feature**

- Excellent Accuracy
- High Isolation
- Low Profile
- 0.9G-1.7GHz
- Low Insertion Loss

**Description** Signal distributor. It can divide the GPS signal received equally into 2 or 4 outputs so that they can be used on multiple indoor locations simultaneously.

## 1. Electrical Specifications

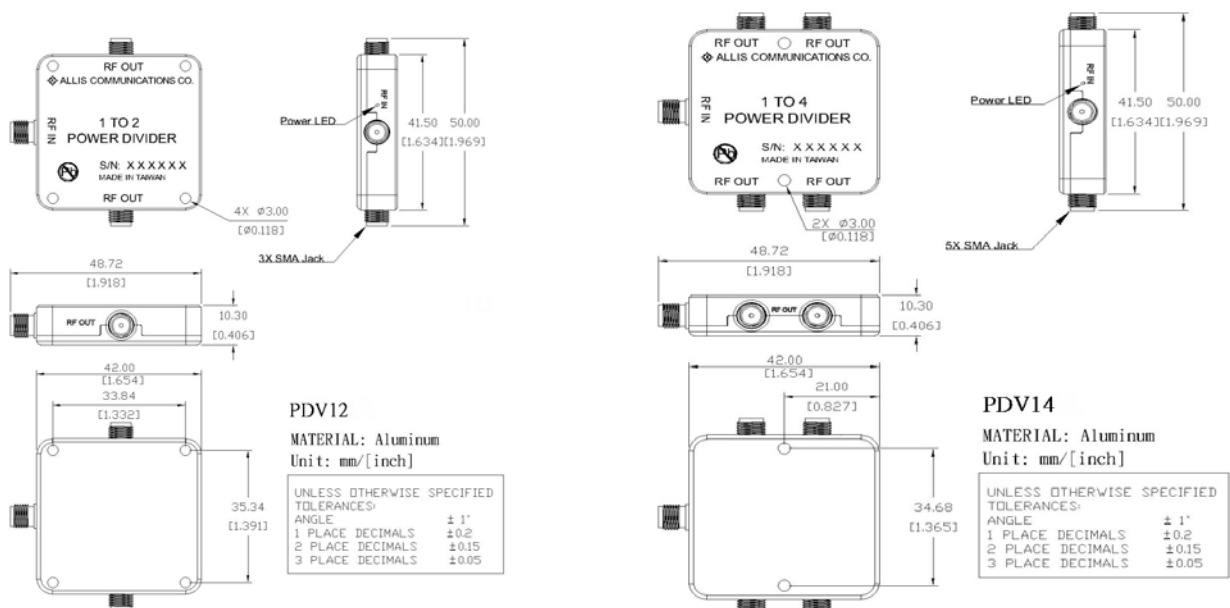
	PDV12	PDV14
Frequency	0.9G ~ 1.7GHz	
Input VSWR	Max. 2:1	
Output VSWR	Max. 2.5:1	
Impedance	50Ω	
Isolation	0.9-1.2GHz >14dB 1.2-1.7GHz >20dB	>20dB
Insertion Loss	Max. 5dB	Max. 8.5dB
Phase Unbalance	Typ. 3 degree	Typ. 5 degree

## 2. Mechanical Specification

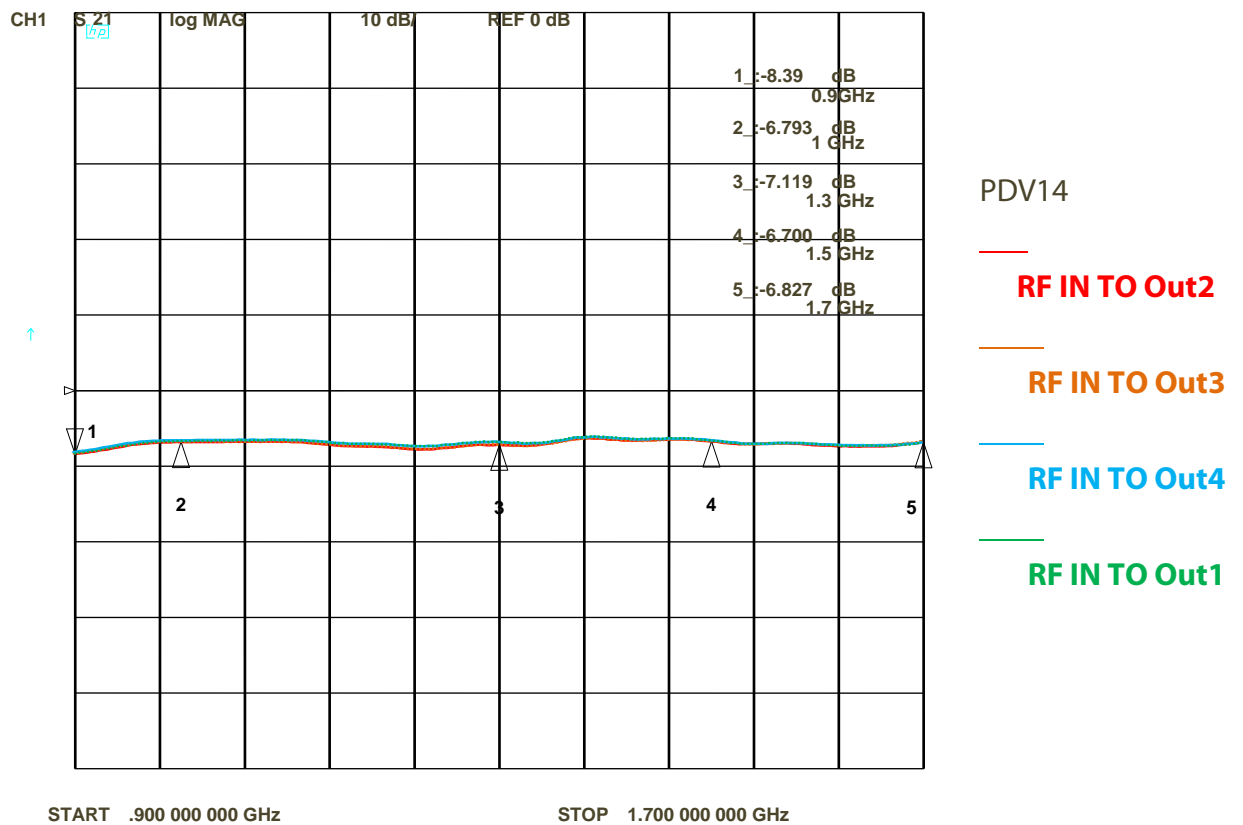
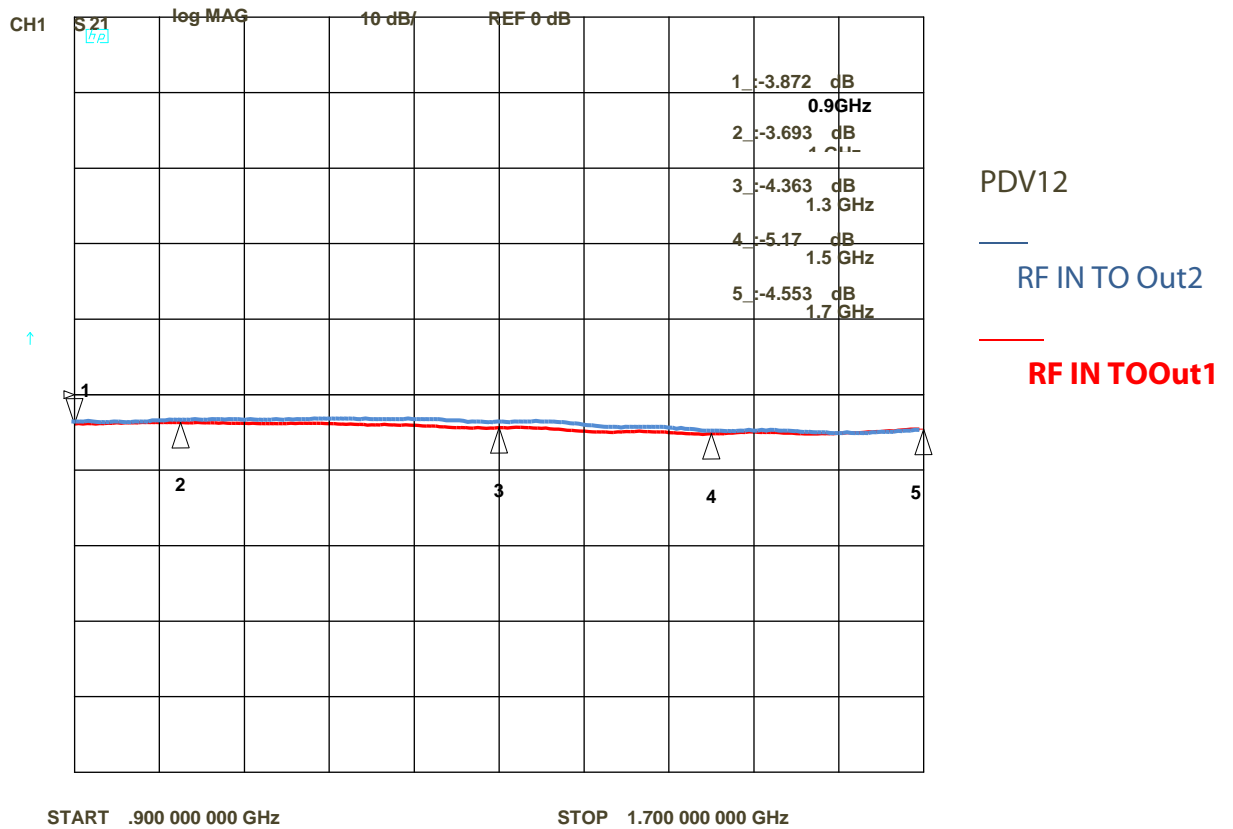
### 2.1 Mechanical

Weight	48 grams Max.	48.5 grams Max.
Size	50 X 48.72 X 10.3 mm	
Connector type	SMA Jack (Female)	

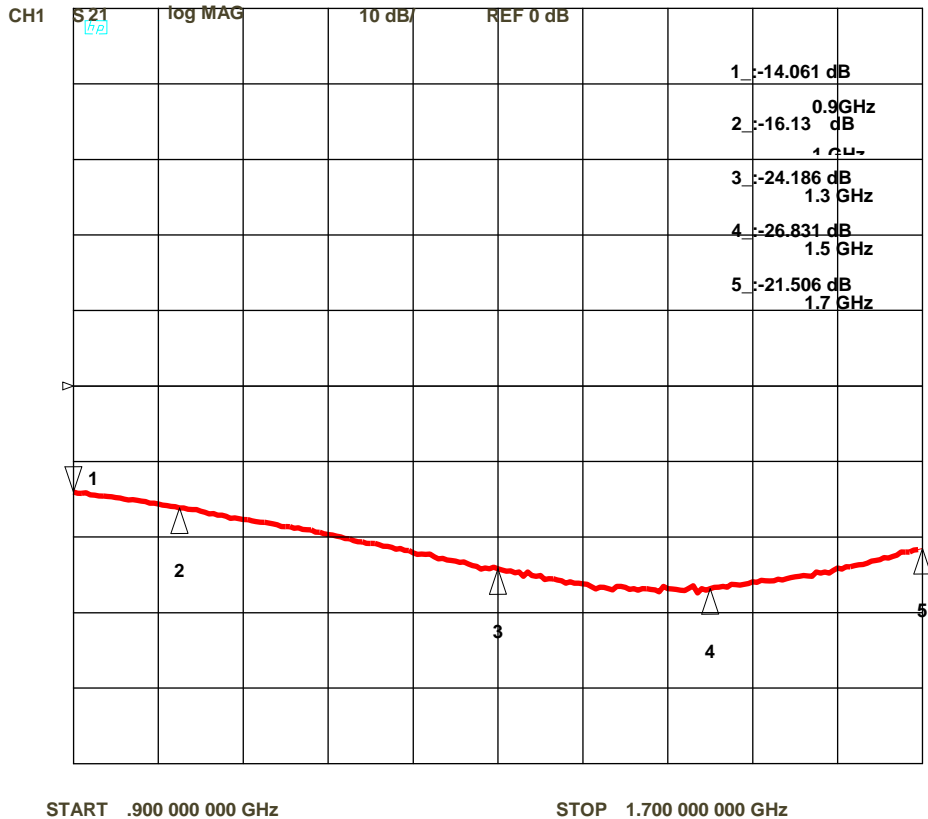
### 2.2 Dimension



### 3. Appendix: Insertion Loss

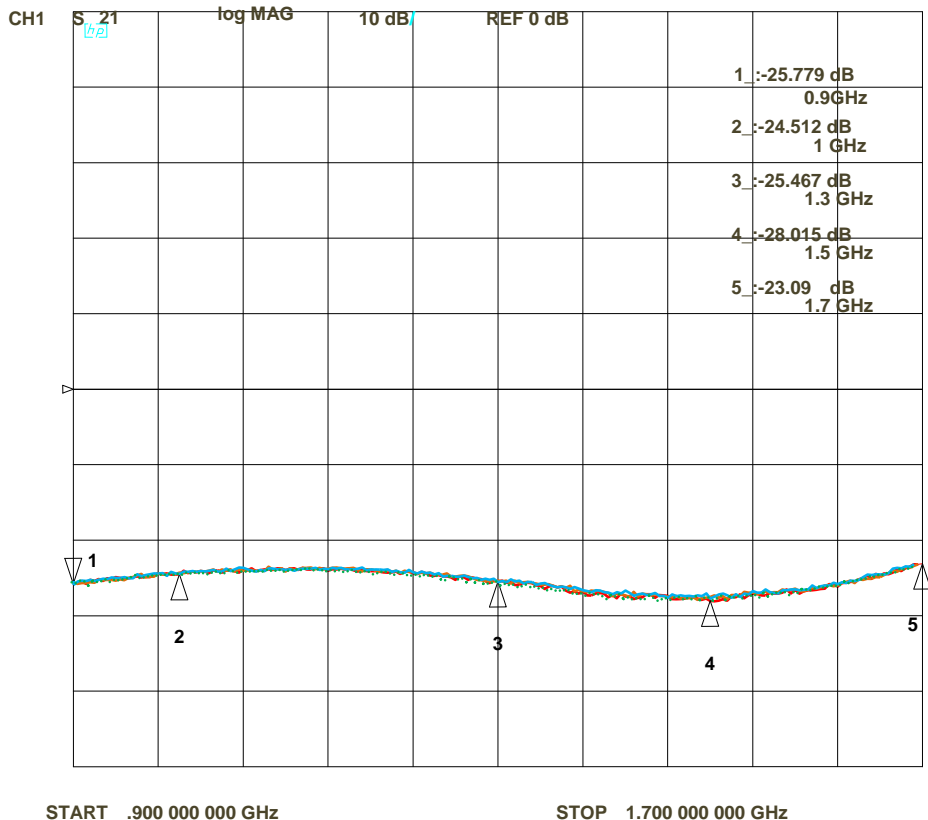


# Isolation



PDV12

Out1 IN TO Out2



PDV14

Out1 IN TO Out3

Out1 IN TO Out4

Out2 IN TO Out3

Out2 IN TO Out4