



**ROJONE**  
PTY. LTD.

## AMA-2251-1400-2MSDCB

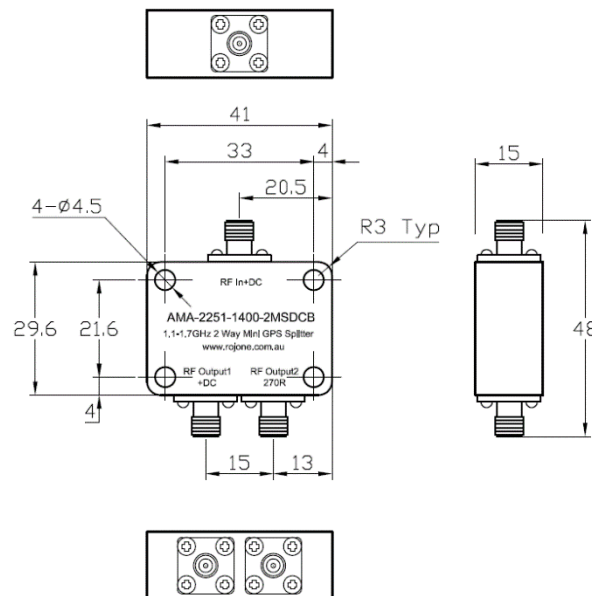


Rojone's AMA-2251-1400-2MSDCB is a miniature 2-way divider designed for space-critical GPS applications. One output is AC coupled to the input, while the other is DC coupled to allow two receivers to connect to a single active antenna. The receiver connected to the power divider's DC path supplies DC power to the antenna. The DC capability is >500mA.

### Features and Applications

**Suitable for Space-Critical Applications | SMA Connectorized | Suitable for Commercial & Military Use | Locally Manufactured & Supported**

**Test & Measurement | Military Communications | Commercial Communications | SATCOM**



*All dimensions are in mm*

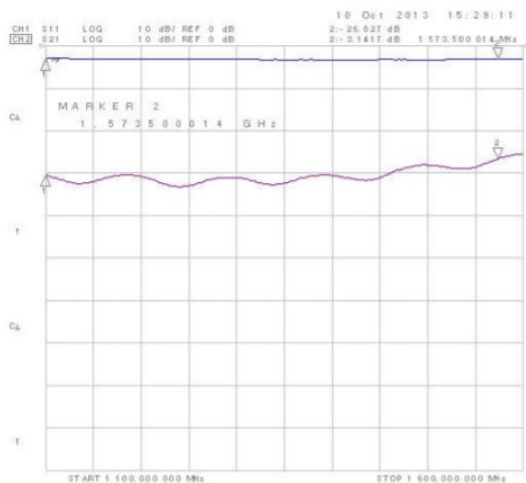


Revision Date 09022021

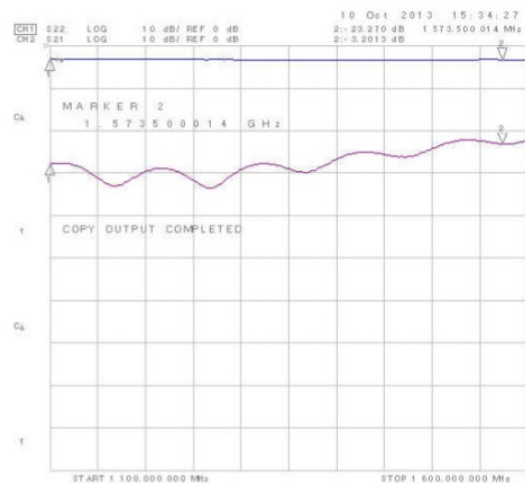
**Specifications:**

Part Number	AMA-2251-1400-2MSDCB
Frequency	1200-1700 MHz
Number of ports	2 Ports
Impedance	50 Ohm
Isolation	20dB typical
Through loss	3.4dB typical
Return loss	-14dB typical
Amplitude balance	0.2dB
Average power	1 Watts CW
RF Connector	SMA Female
Weight	100 grams
Size	41 x 30 x 15mm + connectors

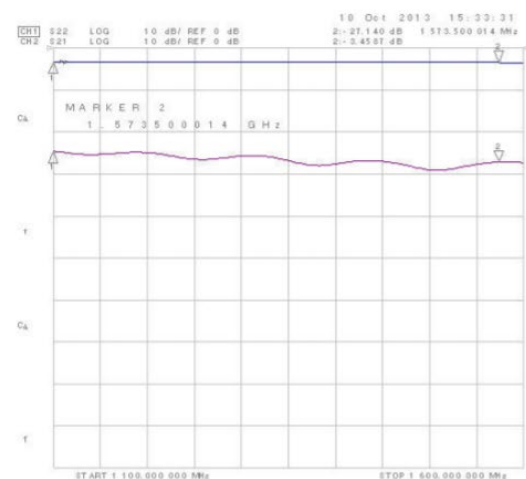
**Test Results (Typical)**



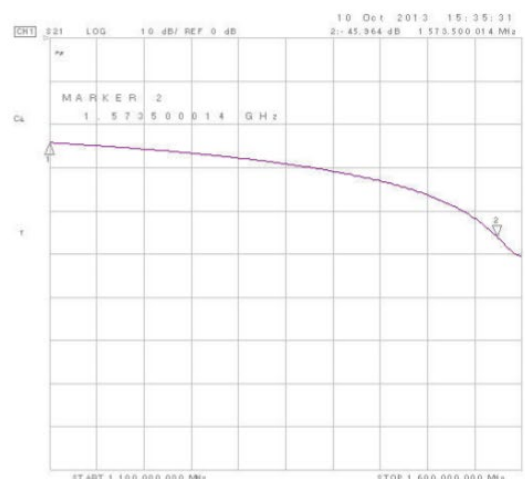
**Input Return Loss and Through Loss**



**Output 1 Return Loss and Through Loss**



**Output 2 Return Loss and Through Loss**



**Isolation**