

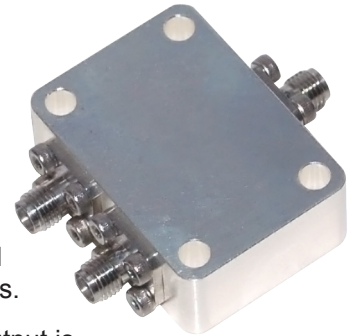


## 1000-1700 MHz 2-Way GPS Divider (Model: AMA-2251-1400-2MS)

### Description

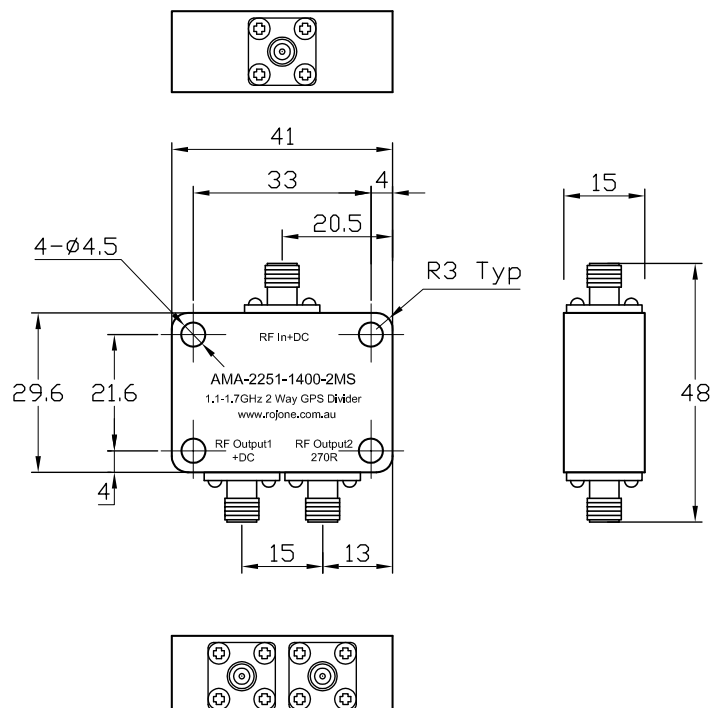
AMA-2251-1400-2MS is a high performance two-way GPS divider, which covers all GPS and GLONASS bands from 1.0-1.7 GHz, such as L1, L2, L3, L5 and L7 bands.

DC supply from the GPS receiver can go through one output port while another output is DC loaded with a 270 Ohm resistor. The isolation between the two outputs is greater than 20dB.



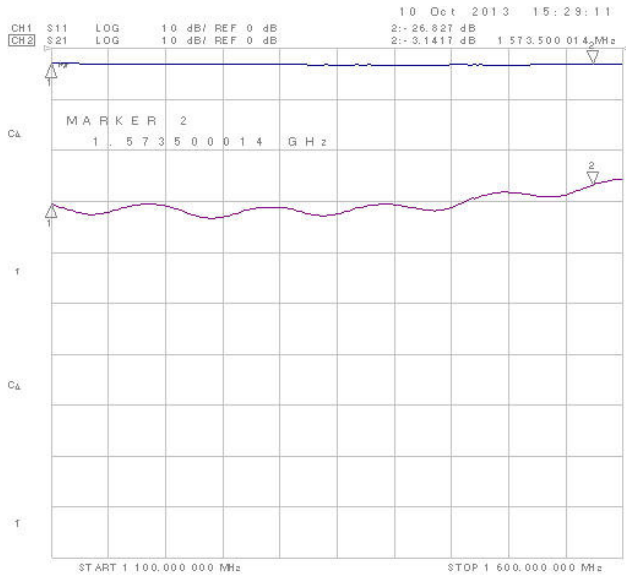
### Specifications

Frequency	1000-1700 MHz
I/O Return Loss	> 18 dB (23 dB typical)
Isolation	> 18 dB (25 dB typical)
Through Loss	< 3.5 dB (3.3 dB typical)
DC Through Current	1 Amp maximum
Connectors	SMA Female
Impedance	50 Ohms
Input RF Power	10 W maximum
Operating Temperature	-30°C to +80°C
Humidity	< 95% no condensing
Weight	50 g
Size	41 x 30 x 15 mm

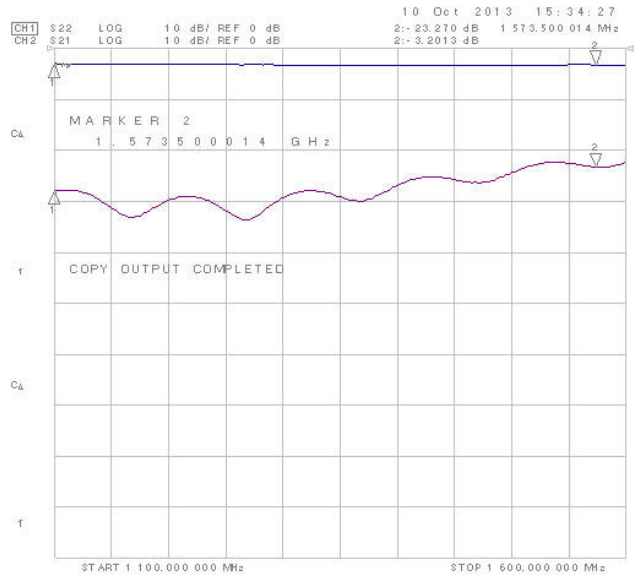




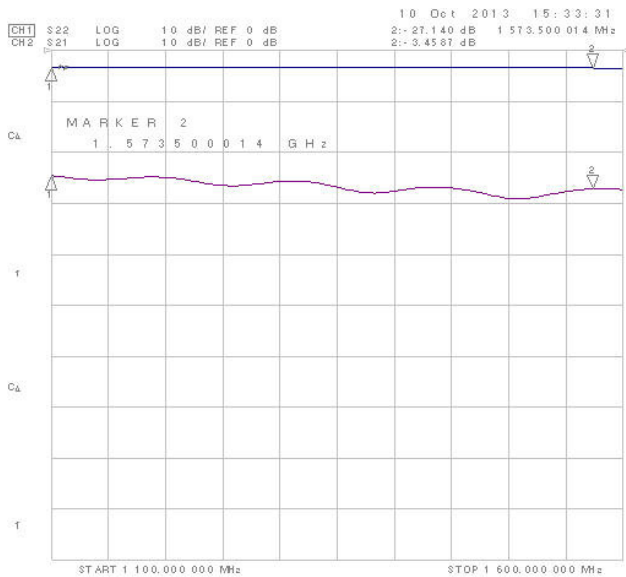
## Test Results (Typical)



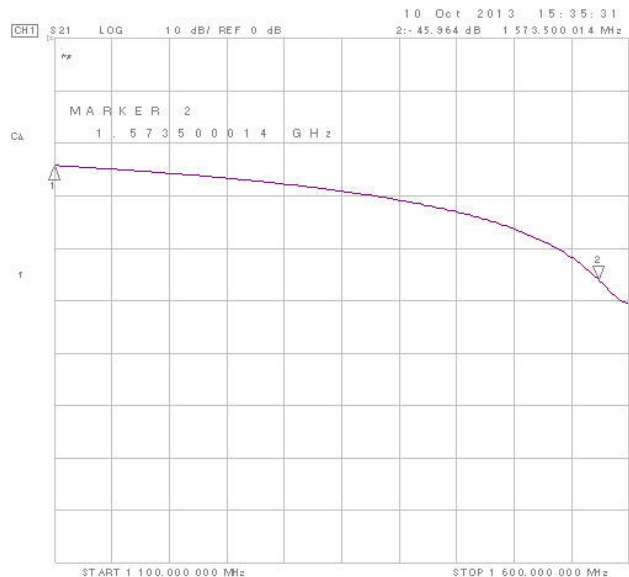
**Input Return Loss and Through Loss**



**Output 1 Return Loss and Through Loss**



**Output 2 Return Loss and Through Loss**



**Isolation**