



## GPS Power Divider (Model: AMA-2301-xx)

### Description

AMA-2301-XX is high performance passive GPS divider, specially designed for professional applications.

AMA-2301-XX will provide reliable GPS signals from a GPS receiving antenna to multi-GPS receivers with flat phase and amplitude response. The isolation between the output port is 20-30dB, covering 1100-1800MHz of the whole GPS band such as GPS L1, L2, L5, Glonass L1/L2, Galileo and Chinese Baidou systems.

Output Port 1 of AMA-2301-XX is DC through to the input, so the active receiving antenna can be powered by the GPS receiver connected on the output port 1. All other output ports are DC blocked from the antenna.

To cope with GPS system with antenna alarm functions, DC blocked ports can be internally terminated with a 220 Ohm resistor with part no. AMA-2301-XX-220R.



### Specifications

	AMA-2301-2N	AMA-2301-3N	AMA-2301-4N	AMA-2301-8N-SL
<b>Description</b>	2-Way GPS Splitter	3-Way GPS Splitter	4-Way GPS Splitter	8-Way GPS Splitter
<b>Frequency Range</b>	1100-1800MHz	1100-1800MHz	1100-1800MHz	1100-1800MHz
<b>In/Out Return Loss</b>	<-17dB; 20dB typical	<-17dB; 20dB typical	<-17dB; 20dB typical	<-17dB; 20dB typical
<b>DC through capacity</b>	20dB minimum	1A/30V maximum	20dB minimum	20dB minimum
<b>Amplitude Balance</b>	< ±0.2dB	< ±0.2dB	< ±0.2dB	< ±0.3dB
<b>RF Connectors</b>	N Female - 50 ohm; Other connectors available	N Female - 50 ohm; Other connectors available	N Female - 50 ohm; Other connectors available	N Female - 50 ohm; Other connectors available
<b>Through Loss</b>	3dB	5dB	6.3dB	10dB



**Drawings**

**AMA-2301-2N**

