

# GPS 2 & 4 Way Splitter / Dividers

## FEATURES

- **Medium Power**
- **L Band 1200-1650 MHz**
- **Port 2 DC Blocked**

Rojone's AMA-2300-XN Series of power dividers are specifically designed for GPS applications. One output is AC coupled to the input while the other is DC coupled to allow for two receivers to a single active antenna. The receiver connection to the power divider's DC path will be able to pass DC to the antenna. The DC current capability is > 500mA.



*L1/L2 Splitters are also available; please contact Rojone Pty Ltd.*

## Specifications

Part Number Description	AMA-2301-2N <b>2 Way GPS Splitter</b>	AMA-2301-4N <b>4 Way GPS Splitter</b>
Frequency Range	1200 to 1650 MHz	1200 to 1650 MHz
Number of Ports	2 Port	4 Port
Isolation	20dB Minimum	20dB Minimum
Insertion Loss	0.32dB Typical	1.0dB Typical
Return Loss	-14dB Typ	-14dB Typ
Amplitude Balance	< 0.2dB	0.2dB Typical
Phase Balance	< 2 Degrees	5 Degrees Typical
VSWR	1.25:1 Max	1.25:1 Max
Average Power	50 Watts CW	50 Watts CW
Impedance	50 Ohms	50 Ohms
Connector Standard	N Female	N Female
Change to T Suffix	TNC Female	TNC Female
Package Size	87 x 46 x 16mm ex conn	118 x 76 x 19 mm ex conn
Weight	260 grams (max.)	650grams (max)

