

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

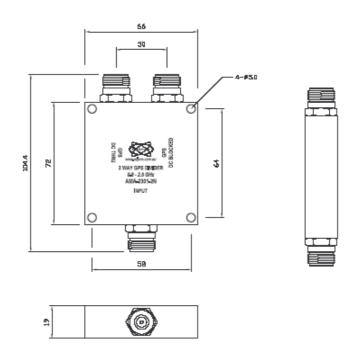
Part Number Description	AMA-2301-2N 2 Way GPS Splitter	AMA-2301-4N 4 Way GPS Splitter
Frequency Range Number of Ports Isolation Insertion Loss Return Loss Amplitude Balance Phase Balance VSWR Average Power Impedance Connector Standard Change to T Suffix Package Size Weight	1200 to 1650 MHz 2 Port 20dB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



Mechanical Outline

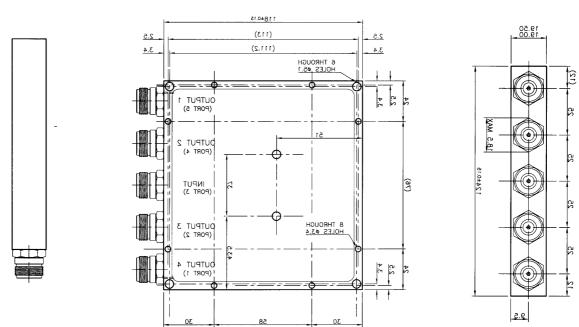






Old Part Number: AMA064

Part No # AMA-2300-2N



Part No # AMA-2300-4N.

N connectors are standard; other connector types are also available on request. Temperature Range 0 to +60 degrees C. Peak Power for all our devices is 3KW @ 1% duty cycles. All products have a Storm Gray Polyurethane painted finish. Recommended coupling torque force for N connector 40 to 60 Ncm. Note: Over tightening the connectors may damage the connector. To stripline transition internally, please take care.

