



GPS Power Dividers

(Model: AMA-230X-XN)

Features

- ❖ Medium Power 30W average
- ❖ L1/L2 Band
- ❖ Port 2 DC Blocked



Description

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.

Specifications

Part Number:	AMA-2301-2N	AMA-2301-3N	AMA-2301-4N	AMA-2301-6N	AMA-2300-SL-8N
Description	2 Way GPS Splitter	3 Way GPS Splitter	4 Way GPS Splitter	6 Way GPS Splitter	8 Way GPS Splitter
Frequency Range	1100-1700 MHz	1100-1700 MHz	1100-1700 MHz	1100-1700 MHz	1100-1700 MHz
Number of Ports	2 Port	3 Port	4 Port	6 Port	8 Port
Isolation	20 dB Typical	20 dB Typical	20 dB Typical	20 dB Typical	20 dB Typical
Insertion Loss	0.35 dB Typical	0.53 dB Typical	1.0 dB Typical		
Amplitude Balance	< 0.2 dB	< 0.2 dB	< 0.2 dB Typical	< 0.2 dB Typical	< 0.2 dB Typical
Phase Balance	< 2 degrees		5 degrees Typical		
Return Loss	20 dB Typical	20 dB Typical	20 dB Typical	20 dB Typical	20 dB Typical
Average Power	50 Watts CW	50 Watts	50 Watts	50 Watts	50 Watts
Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms
Connector Type	N Female	N Female	N Female	N Female	N Female
Package Size	67 x 72 x 19 mm * plus connectors	42 x 123 x 19 mm * plus connectors	125 x 119 x 19 mm * plus connectors	180 x 118 x 19 mm * plus connectors	68 x 199 x 19 mm * plus connectors
Weight	160 grams (max)	530 grams (max)	650 grams (max)	850 grams (max)	800 grams (max)