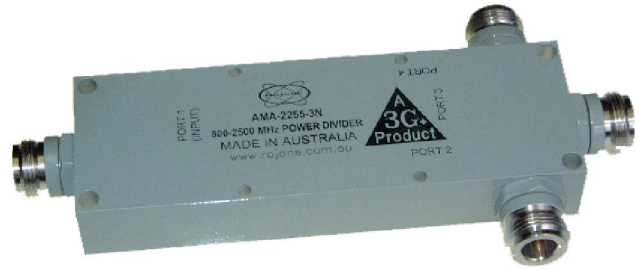


3 Way 3 Way Power Divider Power Divider



(Replacement of AMA-2250-3N & AMA-2251-3N)

FEATURES

- **Power 100 Watts**
- **Wide Band 800-2500 MHz**
- **Low Intermodulation**

Rojone's AMA-225X-3N range of 3 Way power dividers are specifically designed for the Cellular Telecommunications market and now also includes the New 3rd Generation implementation & WLAN. These products are particularly suitable for in-building network distribution, while an environmental (brass construction) range is also available for outdoor applications.

Specifications

Updated 03/03

| | |
|--------------------|---------------------------------|
| PART NUMBER | AMA-2255-3N |
| FREQUENCY | 800-2500 MHz |
| Isolation | > 20dB |
| Insertion Loss | < 0.2dB @ 900 MHz |
| @ VSWR < 1.15 | < 0.4dB @ 1.9 GHz |
| | < 0.5dB @ 2.5 GHz |
| Amplitude Balance | < ± 0.1dB |
| Phase Balance | < ± 1.5 Degrees |
| VSWR/Return Loss | 1.22:1 Max / -20dB |
| Max Input Power | 100 Watts @ output RL < - 20dB* |
| Connector Type | N Female |
| Impedance | 50 Ohm |
| Op Temp | - 30 to + 60 C |
| Package Size | 123 x 41 x 19mm + Conn |
| Weight | Alum 280g / Brass 530g |

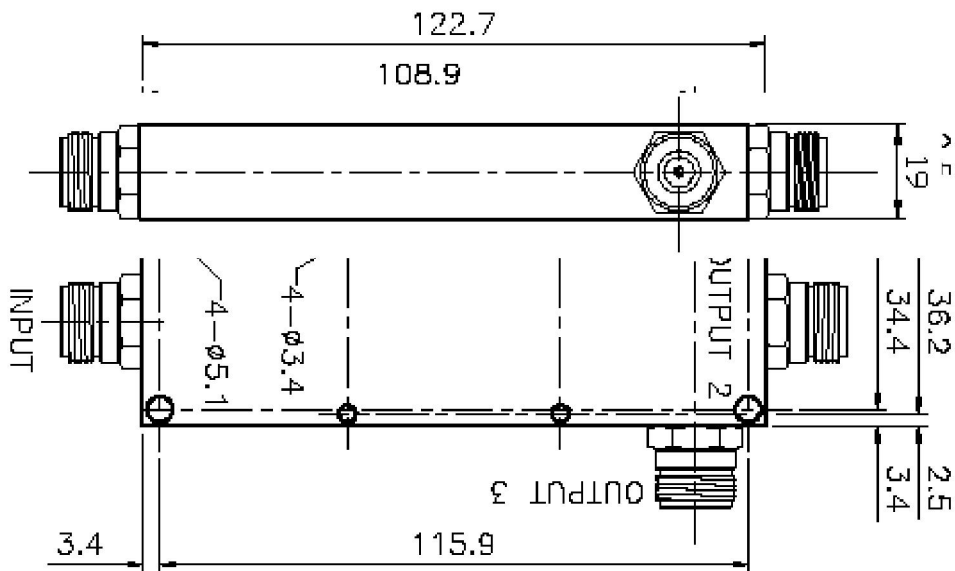
All our dividers will pass DC current unless a DC block is specifically requested.
For high power CW application, please see Engineering notes.



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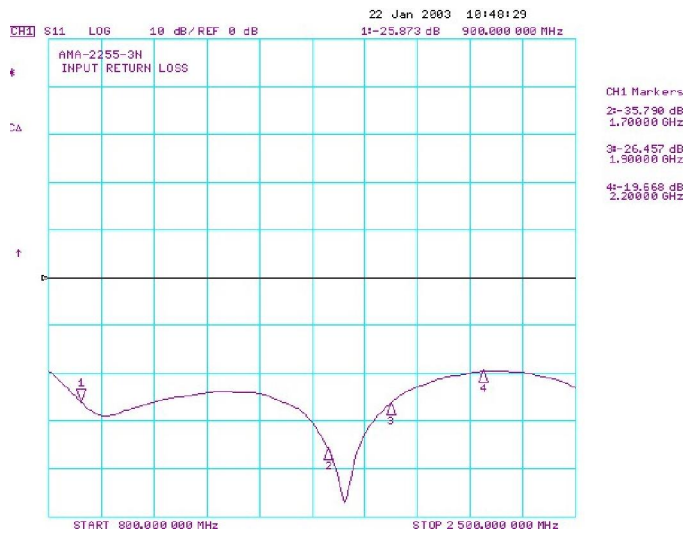
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Mechanical Outline



TYPICAL PERFORMANCE PLOT

Input Return Loss



More performance plots are available on our website - www.rojone.com.au



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