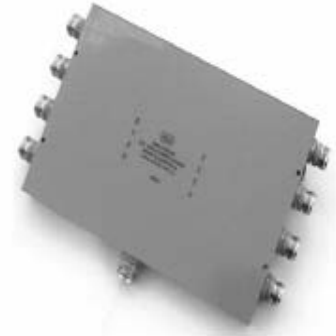


# 8 Way Power Divider



## FEATURES

- **100 & 200 Watts Average**
- **Wide Band 800-2200 MHz**
- **Low Intermodulation Design**

PW.-2251-8N range of 8 Way power dividers are specifically designed for the Cellular Telecommunications market this product is particularly suitable for in-building network distribution while an environmental (brass construction) range is also available for outdoor applications.

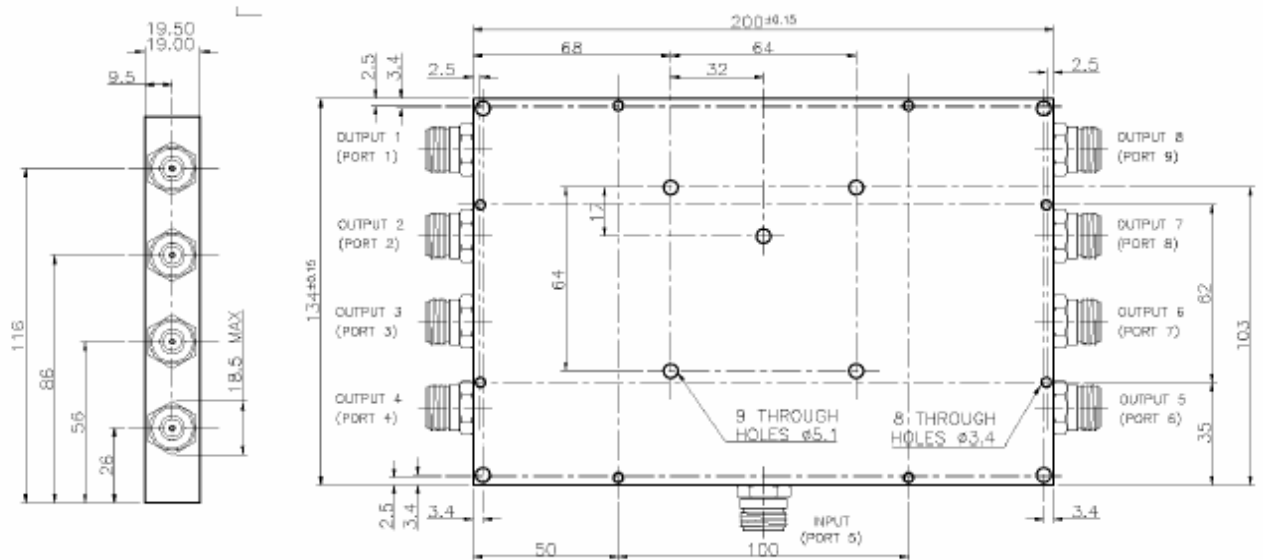
## Specifications

Last Updated 01/03

PART NUMBER	PW-2251-8N	PW-2251-8N-HP
FREQUENCY	800 to 2200 MHz	800 to 2200 MHz
Number of Ports	8 Port	8 Port
Isolation	> 20dB	> 20dB
Dissipative/Insertion Loss (@ VSWR < 1:1.2)	1.5dB / 10.5dB	1.5dB / 10.5dB
Amplitude Balance	< ± 0.5dB	< ± 0.5dB
Phase Balance	< ± 10 Degrees	< ± 10 Degrees
VSWR/Return Loss	1.35:1 Max / -17dB	1.35:1 Max / -17dB
Max RF Power	100 Watts CW	200 Watts CW
Max. Output Mismatch	VSWR 1:2	VSWR ≤ 1:2 @ 200W
Impedance	50 Ohms	50 Ohms
Connector Type	N Female	N Female
Package Size	200 x 134 x 19mm	200 x 164 x 112mm
Weight	Alum 1.2 Kg Max	Alum 3.6 KG Max
Fan Voltage	Not Applicable	Please specify 24,48,110VDC

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

### Mechanical Outline – 8 Way Divider



### Mechanical Outline – High Power 8 Way Divider

