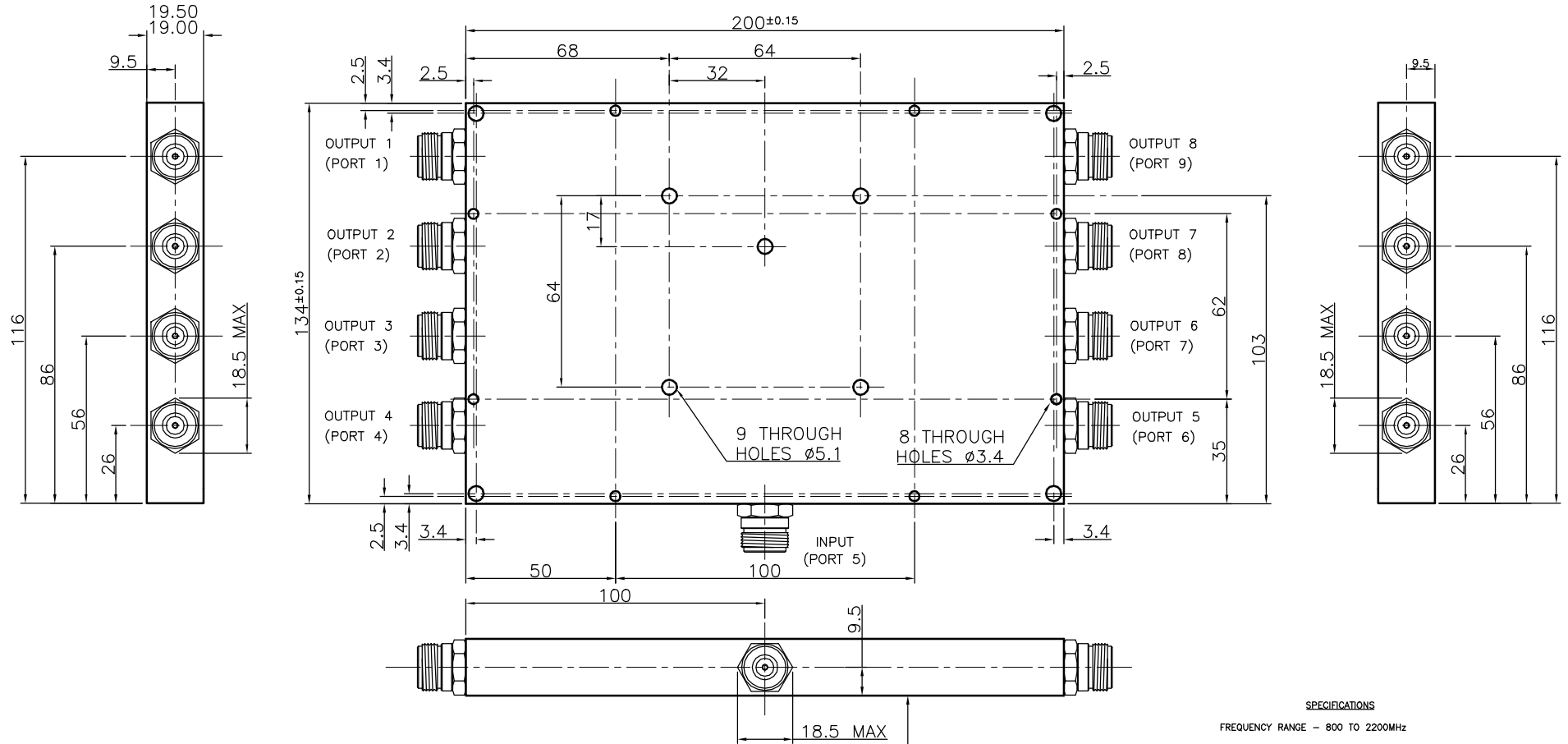


3rd ANGLE PROJECTION

THIS DOCUMENT AND THE DESIGN SHOWN THEREON IS THE PROPERTY OF ROJONE PTY LTD AND MUST NOT BE SOLD, LENT, GIVEN AWAY, COPIED, REPRODUCED OR OTHERWISE DIVULGED TO ANY THIRD PARTY OR USED FOR MANUFACTURE, OR ANY OTHER PURPOSE WITHOUT DIRECT WRITTEN PERMISSION OF ROJONE PTY LTD.

DO NOT SCALE



NOTES:

- 1/ FOR ASSEMBLY DRAWING SEE 002008250014 8 WAY POWER DIVIDER ASSEMBLY DRAWING
- 2/ OPERATING TEMPERATURE OF DIVIDER IS DEFINED AS TEMPERATURE AT THERMAL INTERFACE. WHEN BEING USED AS A COMBINER, HIGH POWER DIVIDER MUST BE HEATSUNK TO THERMAL INTERFACE ACCORDING TO POWER OF SIGNALS BEING COMBINED
- 3/ ROJONE PART No. DESIGNATION AMA-2251-8N-HP-E  

HIGH POWER	ENVIRONMENTAL
↓	↓

 ENVIRONMENTAL VERSIONS AVAILABLE. ALL CONNECTORS MUST BE MATED TO ACHIEVE ENVIRONMENTAL SEAL (PLATED BRASS HOUSING).
- 4/ DIVIDERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION
- 5/ ALL CONNECTORS ARE FEMALE N-TYPE WITH 12 TO 15 inlbs (1.30Nm - 1.70Nm) MATING TORQUE.
- 6/ FINISH: LOW POWER VERSIONS WITH POLYURETHANE AS2700 N42 STORM GREY  
 HIGH POWER VERSIONS PAINTED FLAT BLACK

THERMAL INTERFACE

SPECIFICATIONS

- FREQUENCY RANGE - 800 TO 2200MHz
- POWER HANDLING**
  - LOW POWER VERSIONS - 100W (@25°C) WHEN USED AS DIVIDER
  - 0.75W (PER INPUT @25°C) WHEN USED AS COMBINER
  - HIGH POWER VERSIONS - 200W (@25°C) WHEN USED AS DIVIDER
  - 20W (PER INPUT @25°C) WHEN USED AS COMBINER
- INSERTION LOSS - 10.5dB (typ) (INCLUDING DISSIPATIVE LOSS)
- DISSIPATIVE LOSS - 1.5dB (typ)
- ISOLATION - 20dB (typ)
- RETURN LOSS - 20dB (typ)
- AMPLITUDE BALANCE - 0.2dB (typ)
- PHASE BALANCE - 5° (typ)
- OPERATING TEMPERATURE - 0° TO +85° CELCIUS
- STORAGE TEMPERATURE - 0° TO +95° CELCIUS
- WEIGHT - 280 GRAMS (typ) ALUMINIUM HOUSING
- 530 GRAMS (typ) BRASS HOUSING

UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES (mm) TOLERANCE: LINEAR ±0.1 ANGULAR ±1° REMOVE ALL BURRS AND SHARP EDGES

	ROJONE PTY LTD ACN 002691241 61 AERO RD INGLEBURN 2565 SYDNEY, AUSTRALIA Ph: (612) 9829 1555 Fax: (612) 9605 8812 Web: www.rojone.com.au E-mail: sales@rojone.com.au		TITLE <b>8 WAY POWER DIVIDER                  INTERFACE DRAWING (N TYPE)</b>	
	MATERIAL ALUMINIUM &/OR BRASS HOUSING & COVER		DRWG No: 002008250012	
FINISH SEE NOTES		DRAWN A. FABAL CHECKED M.TOBIAS APPROVED I.JANOSKA	SCALE 1:1 SHEET 1 OF 1	A2
			FILENAME 002008250012ISS02.DWG	