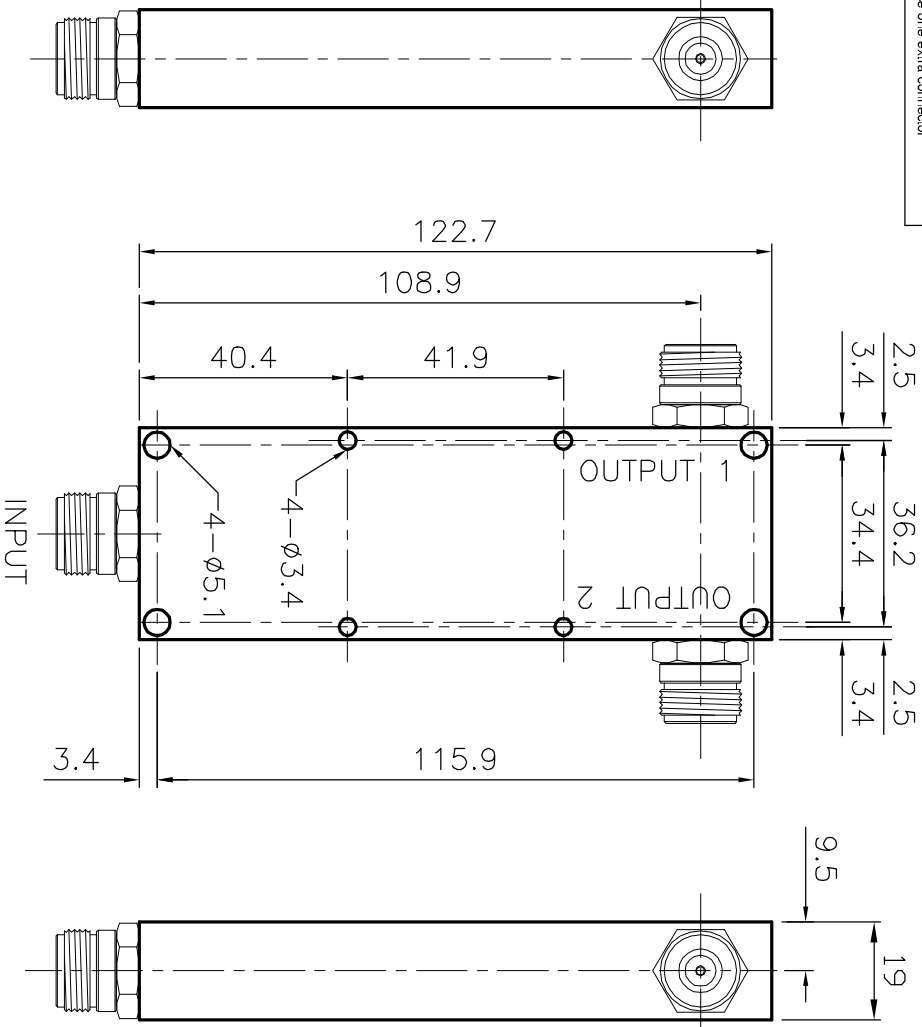


1	2	3	4	5	6	7	8	9	10	11	12
ISS ZONE		DESCRIPTION/REPER REQUEST/DATE		3rd ANGLE PROJECTION		THIS DOCUMENT AND THE DESIGN SHOWN THEREIN IS THE PROPERTY OF ROJONE PTY LTD AND MUST NOT BE SOLD, LENT, GIVEN AWAY, COPIED, REPRODUCED OR OTHERWISE DIVULGED TO ANY THIRD PARTY OR USED FOR MANUFACTURE, OR ANY OTHER PURPOSE WITHOUT DIRECT WRITTEN PERMISSION OF ROJONE PTY LTD.				DO NOT SCALE	
2		Updated spec									REVISION
3		Updated spec									DATE
4		Erase one extra connector									CHECKED



**SPECIFICATIONS**

FREQUENCY RANGE - 800 TO 2500MHz (AMA-2255-2N)

**POWER HANDLING**

LOW POWER VERSIONS - 100W (@25°C) WHEN USED AS DIVIDER  
 - 1W (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 - 3.5dB (typ) (INCLUDING DISSIPATIVE LOSS)  
 DISSIPATIVE LOSS - <0.3dB@5WVR<1:1.2

ISOLATION - >20dB  
 RETURN LOSS - 1.22:1 MAX/-20dB

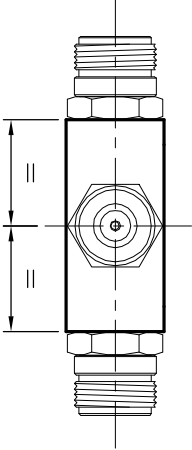
AMPLITUDE BALANCE - <±3  
 PHASE BALANCE - <±0.2dB

OPERATING TEMPERATURE - -40° TO +85° CELCIUS  
 STORAGE TEMPERATURE - -40° TO +95° CELCIUS

WEIGHT - 260 GRAMS (typ) ALUMINIUM HOUSING  
 - 510 GRAMS (typ) BRASS HOUSING

**NOTES:**

- FOR ASSEMBLY DRAWING SEE 002002250028 2 WAY T POWER DIVIDER ASSEMBLY DRAWING
- 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
- ROJONE PART NO. DESIGNATIONS AMA-2255-2N  
 AMA-2255-2N-E  
 (ENVIRONMENTAL VERSION)  
 ENVIRONMENTAL VERSIONS IS SPECIFICALLY DESIGNED FOR OUTDOOR USE WHEN CONNECTORS ARE MATED THE SPLITTER OFFERS A IP66 WATER RESISTANCE RATING.
- DIVIDERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION
- ALL CONNECTORS ARE FEMALE N-TYPE WITH 12 TO 15 INlbs (1.30Nm - 1.70Nm) MATING TORQUE.
- LOW POWER VERSIONS FINISHED IN POLYURETHANE AS2700 N42 STORM GREY. HIGH POWER VERSIONS FINISHED IN FLAT BLACK.



1	2	3	4	5	6	7	
ALL SPECIFICATIONS SUBJECT TO CHANGE		UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES (mm)		TOLERANCE: LINEAR +0.1		ANGULAR ±1°	REMOVE ALL BURS AND SHARP EDGES

<p>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</p>		<p>TITLE  <b>2 WAY T POWER DIVIDER          INTERFACE DRAWING</b></p>	
MATERIAL ALUMINIUM &/OR BRASS HOUSING & COVER	DRAWN A. FABAL	SCALE 1:1	DWG No. 002002250026
FINISH SEE NOTES	CHECKED M.TOBIAS	SHEET 1 OF 1	
	APPROVED I.JANOSKA	FILENAME 002002250026ISS03.DWG	

4	3	2	1	B	A	REVISION
28-04-2003	16-04-2003	21-11-2002	03-05-2000	02-02-2000	24-01-2000	DATE
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