

1	2	3	4	5	6	7	8	9	10	11	12
ISSI ZONE		DESCRIPTION PER REQUEST/DATE		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.		DO NOT SCALE		REVISION	
B		Modify artwork and specs								DATE	
										CHECKED	

SPECIFICATIONS

Part number: AMA-1118-10-1W  
 AMA-1118-10-1WE

Coupling value: 10dB ±0.5dB (500-2000MHz)  
 11dB ±0.9dB (380-500 & 2000-2200MHz)

Frequency range: 380-2200MHz

Directivity: >=20dB

Dissipative loss: 0.25dB Max

Return loss: <-20dB

VSWR: <1.2dB

Isolation: >=20dB

Input RF power: 200w max.

Impedance: 50 Ohms

Op. temp range: -40 to +85°C

Humidity: <95%

RF connectors: N-F

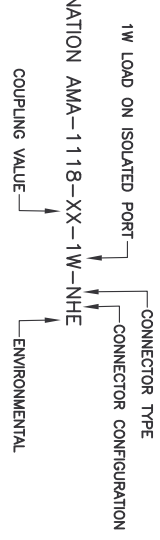
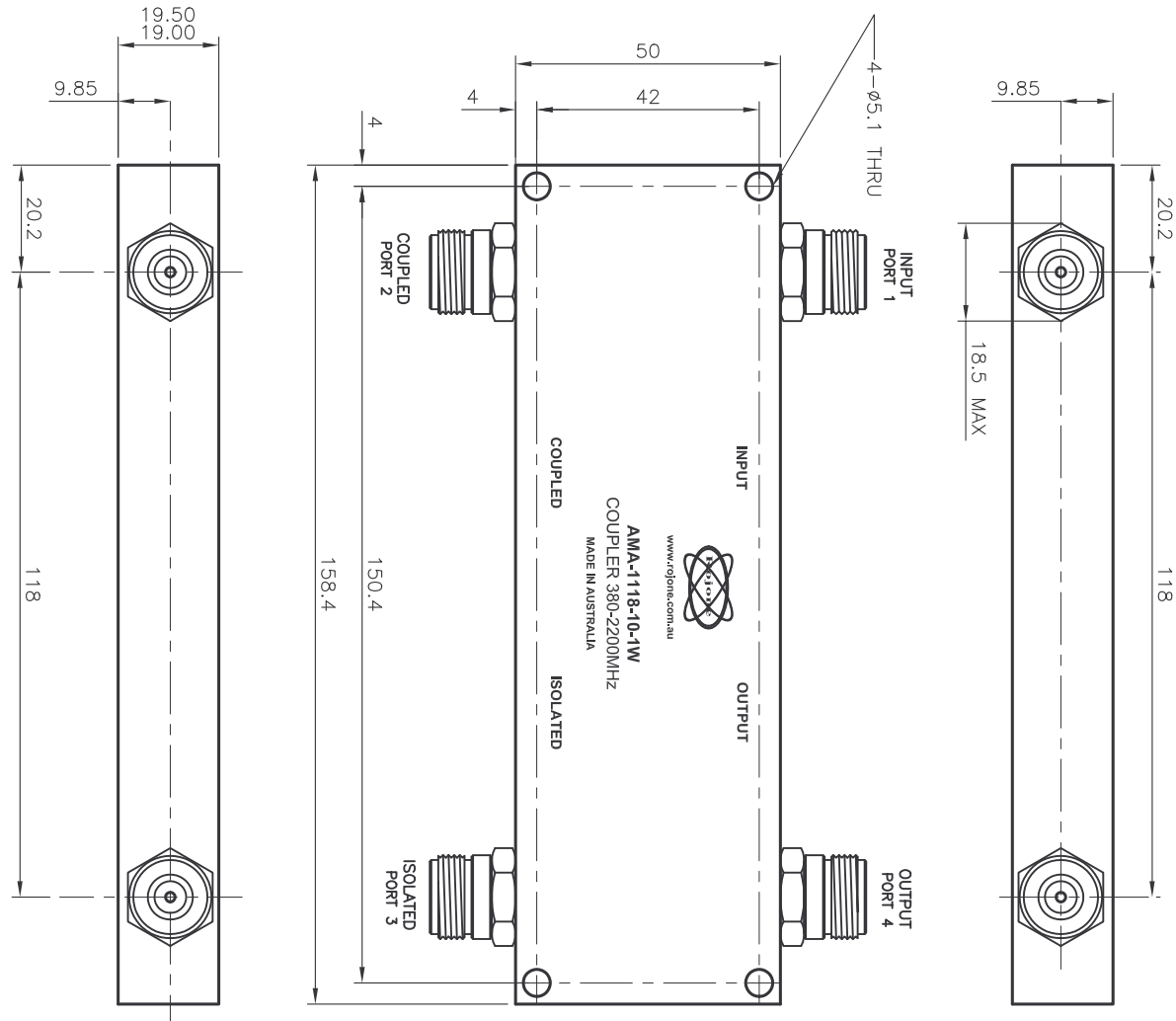
IM: <-1.30dBc@43dBm x 2

Package size: 160x52x19 mm

Weight: 400g max

NOTES:

- FOR ASSEMBLY DRAWING SEE 001001100004 'H' PATTERN SERIES COUPLER ASSEMBLY DRAWING
- ROJONE PART NO. DESIGNATION AMA-1118-XX-1W-NHE
- COUPLERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION
- ALL CONNECTORS ARE FEMALE N-TYPE WITH 12 TO 15 INBS (1.30Nm - 1.70Nm) MATING TORQUE.



UNUSED PORTS MUST BE TERMINATED. COUPLER SUPPLIED WITH 1W LOAD ON ISOLATED PORT (HIGHER POWER LOADS AVAILABLE) ENVIRONMENTAL VERSIONS AVAILABLE. ALL CONNECTORS MUST BE MATED TO ACHIEVE ENVIRONMENTAL SEAL (PLATED BRASS HOUSING).

		ROJONE PTY LTD ACN 002891241 81 AERO RD INGLEBURN 2565 SUDBURY VIC 3658 Tel: (012) 9829 1555 Fax: (612) 9805 8812 Web: www.rojone.com.au E-mail: sales@rojone.com.au		TITLE 380-2200MHz 4 PORT DIRECTIONAL COUPLER AMA-1118-XX	
MATERIAL ALUMINIUM &/OR BRASS HOUSING & COVER		FINISH POLYURETHANE AS2700 N42 STORM GREY		DRAWN Y. GU	
APPROVED J. ANOSKA		SCALE 1:1		SHEET 1 OF 1	

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ALL SPECIFICATIONS SUBJECT TO CHANGE		UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES (mm)		TOLERANCE: LINEAR ±0.1 ANGULAR ±1°		REMOVE ALL BURRS AND SHARP EDGES				A3	