

3rd ANGLE PROJECTION

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DO NOT SCALE

SPECIFICATIONS

FREQUENCY RANGE - 380 TO 520MHz
 COUPLER TYPE - 4 PORT DIRECTIONAL
 POWER HANDLING - 100W CW (@25°C)
 COUPLING VALUE - 3,6,10,15,20,30dB
 DIRECTIVITY - 20dB (typ)
 RETURN LOSS - 20dB (typ)
 ISOLATION - 20dB (typ)

INSERTION LOSS (THRU LINE)

3 - 3.5dB
 6 - 1.76dB
 10 - 0.96dB
 15 - 0.64dB
 20 - 0.54dB
 30 - 0.50dB

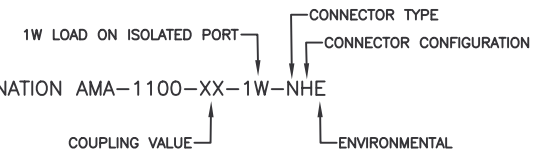
INSERTION LOSS (COUPLED LINE) - COUPLING VALUE + DISSIPATIVE LOSS

DISSIPATIVE LOSS - 0.5dB (typ)
 OPERATING TEMPERATURE - 0° TO +85° CELCIUS
 STORAGE TEMPERATURE - 0° TO +95° CELCIUS
 WEIGHT - 400 GRAMS ALUMINIUM HOUSING (WITHOUT LOAD)
 - 900 GRAMS BRASS HOUSING (WITHOUT LOAD)

NOTES:

1/ FOR ASSEMBLY DRAWING SEE 001001100004
 'H' PATTERN SERIES COUPLER ASSEMBLY DRAWING

2/ ROJONE PART No. DESIGNATION AMA-1100-XX-1W-NHE

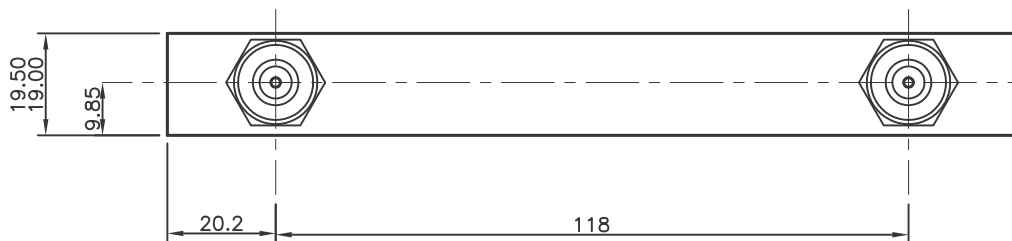
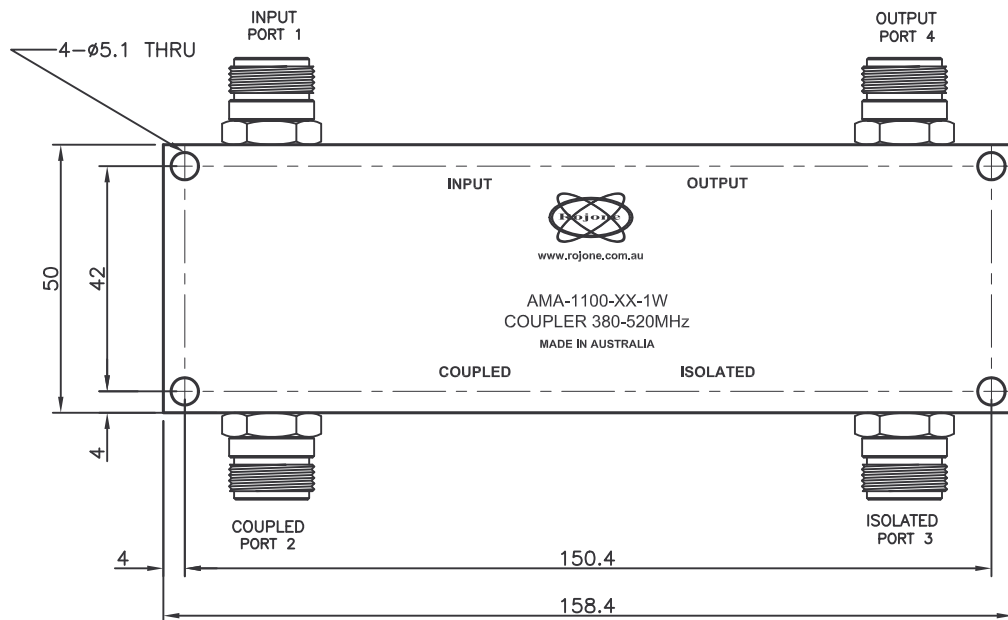
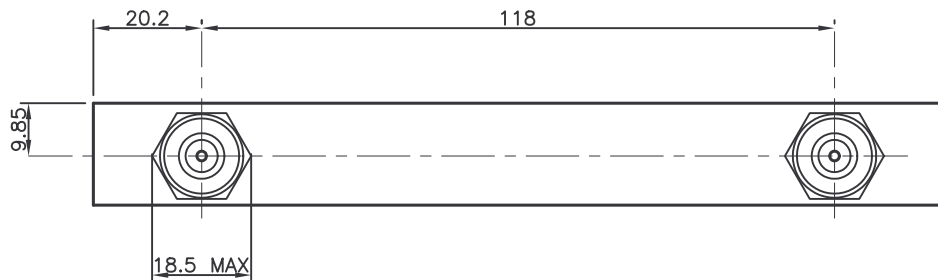


UNUSED PORTS MUST BE TERMINATED. COUPLER SUPPLIED WITH 1W LOAD ON ISOLATED PORT (HIGHER POWER LOADS AVAILABLE) ENVIRONMENTAL VERSIONS AVAILABLE. ALL CONNECTORS MUST BE MATED TO ACHIEVE ENVIRONMENTAL SEAL (PLATED BRASS HOUSING).

3/ COUPLERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION

4/ ALL CONNECTORS ARE FEMALE N-TYPE WITH 12 TO 15 inlbs (1.30Nm - 1.70Nm) MATING TORQUE.

REVISION	DATE	CHECKED
A	14-02-2000	M. TOBIAS
B	08-11-01	Y. GU
C	08-11-01	for Label



	ROJONE PTY LTD ACN 002691241 81 AERO RD INGLEBURN 2585 SYDNEY, AUSTRALIA Ph: (612) 9829 1555 Fax: (612) 9605 8812 Web: www.rojone.com.au E-mail: sales@rojone.com.au	TITLE 'H' PATTERN SERIES COUPLER INTERFACE DRAWING (N-TYPE)	
	DRWG No: 001001100003		SCALE 1:1 SHEET 1 OF 1
MATERIAL ALUMINIUM &/OR BRASS HOUSING & COVER	DRAWN A. FABAL CHECKED M. TOBIAS APPROVED I. JANOSKA	FILENAME 001001100003ISSC.DWG	
FINISH POLYURETHANE AS2700 N42 STORM GREY	REMOVE ALL BURRS AND SHARP EDGES		

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