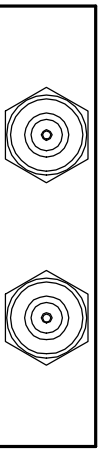
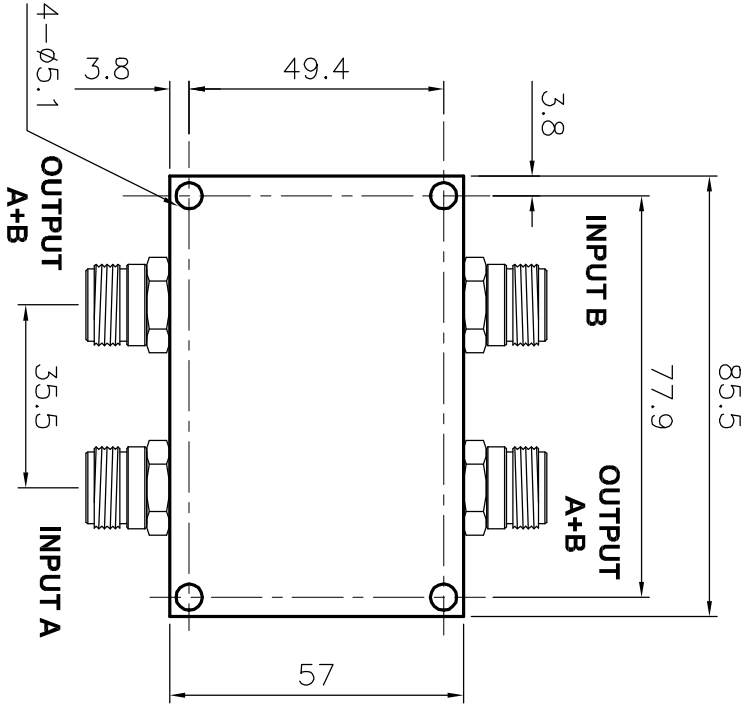
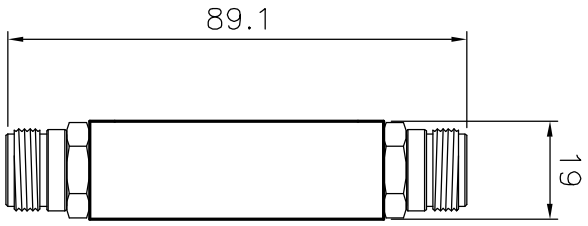


1	2
ISS ZONE	REVISIONS
C	Improve drawing format

3rd ANGLE PROJECTION THIS DOCUMENT AND THE DESIGN SHOWN THEREON IS THE PROPERTY OF ROJONE PTY LTD AND MUST NOT BE SOLD, LEASED, LOANED, 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.



SPECIFICATIONS

Part number: AMA-1255-3HYB-N
 Coupling value: 3dB
 Frequency range: 800-2500MHz
 Directivity: 20dB min.
 Dissipative loss: <0.25dB
 Return loss: -20dB max.
 VSWR: 1.22:1 max.
 Isolation: 20dB min.
 Average power: 200 watts CW max.
 Impedance: 50 Ohms
 Intermodulation: -140dBc (2x20W carriers)
 Connector type: N-F (low IM plated)
 Package size: Fig. 1 - 86x57x19 mm, Fig. 2 - 136x57x36 mm
 Weight: 300g

NOTES:

- 1/ ROJONE PART No. DESIGNATION AMA-1255-3HYB-N
- 2/ COUPLERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION
- 3/ ALL CONNECTORS ARE FEMALE N-TYPE WITH 12 TO 15 inlbs (1.30Nm - 1.70Nm) MATING TORQUE.

UNUSED PORTS MUST BE TERMINATED. COUPLER SUPPLIED WITH 1W LOAD ON ISOLATED PORT (HIGHER POWER LOADS AVAILABLE)



ROJONE PTY LTD ACN 002691241
 61 AERO RD INGLEBURN 2666
 SYDNEY AUSTRALIA
 Ph: (612) 9829 1555 Fax: (612) 9605 8812
 Web: www.rojone.com.au E-mail: sales@rojone.com.au

TITLE: 0.8-2.5/3.0GHz 3dB H-P COUPLER
 INTERFACE DRAWING (N-TYPE)
 DWG No: 001001450019

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 $\pm 1^\circ$	REMOVE ALL BURS AND SHARP EDGES		

MATERIAL	ALUMINIUM &/OR BRASS HOUSING & COVER	DRAWN	Y. GU	SCALE	1:1	SHEET	1 OF 1
FINISH	POLYURETHANE AS2700 N42 STORA GREY	CHECKED	H. JIA	FILENAME	001001450019ISSC.DWG		
		APPROVED	I. JANSZKA				

12	11	10	9	8	7	6	5	4	3	2	1
DO NOT SCALE	REVISION	A	B	C	B. G.	B. G.	B. G.				
CHECKED	DATE	31-07-2001	02-08-02	09-01-2003							

A3