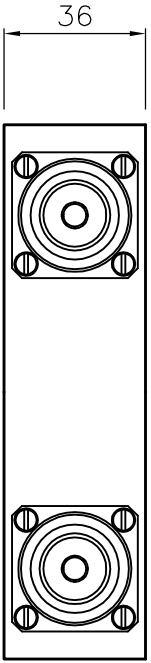
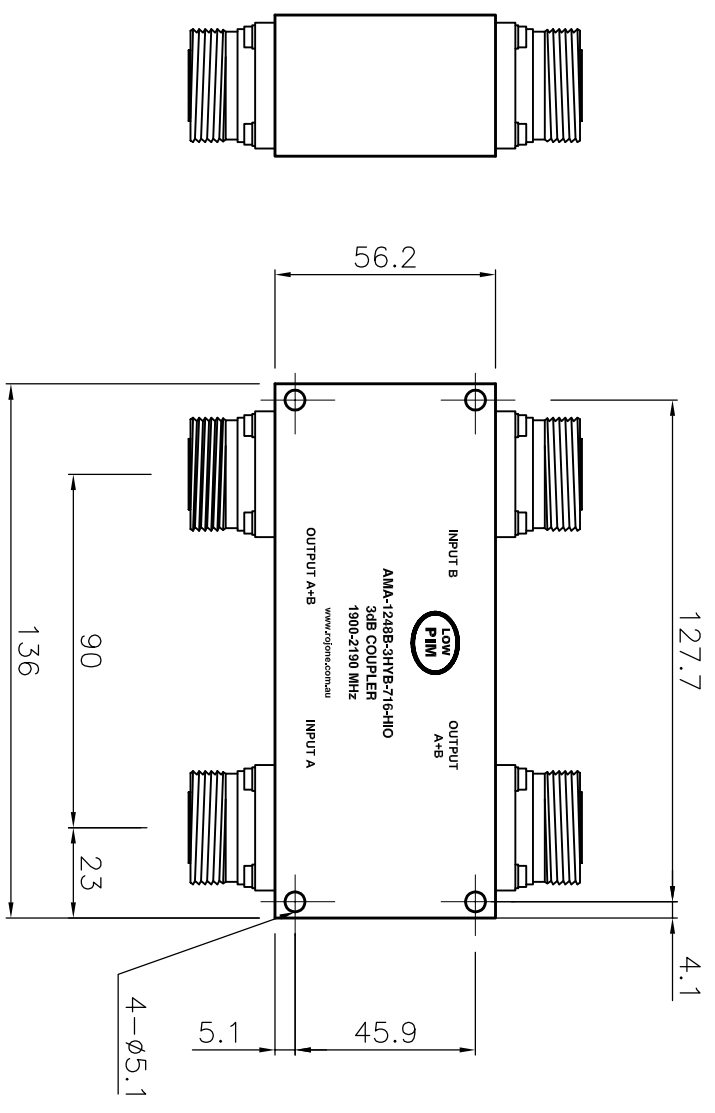


ISSI ZONE	REVISIONS	DESCRIPTION/PER REQUEST/DATE
B		FOR PRODUCT DEVELOPMENT PURPOSES ONLY AND NOT FOR CONSTRUCTION OF THE PRODUCT. ANY CHANGES TO THE PRODUCT SHALL BE THE PROPERTY OF ROJONE PTY LTD.

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.



### SPECIFICATIONS

#### for AMA-1248B-3HYB-716-H10

- FREQUENCY RANGE: 1900-2190 MHz
- COUPLER TYPE: 4 PORT DIRECTIONAL
- POWER HANDLING: 200W CW (@25°C) 500W Peak
- COUPLING VALUE: 3dB
- RETURN LOSS: -25 dB Typ
- ISOLATION: -28 dB (TYP) (See Note 4, 5)
- AMP BALANCE: < 0.5dB, 0.3(TYP)
- PIM: < -150dBc@43dBmx2  
-155dB (TYP)
- THROUGH LOSS: 3.5dB MAX 3.2dB (TYP)
- OP TEMP: -40° TO +65° CELCIUS
- IP RATING: IP 65 (See Note 6)
- RF CONNECTOR: DIN 716 - F
- HUMIDITY: < 99% NO CONDENSATION
- WEIGHT: 820g

#### NOTES:

- 1/ ROJONE PART No. DESIGNATION AMA-1248B-3HYB-716-H10
- 2/ COUPLERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION.
- 3/ PRODUCTS ARE RoHS COMPLIANT.
- 4/ Coupler must be terminated with RF Load AMA-5256 Series with a minimum Return Loss of <-35dB to achieve the high 38-40dB Isolation.

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 44 AERO RD INGLEBURN 2565 STONEY, AUSTRALIA Ph: (612) 9829 1555 Fax: (612) 9605 8812 Web: www.rojone.com.au E-mail: sales@rojone.com.au		TITLE INTERFACE DRAWING FOR AMA-1248B-716-H10	
MATERIAL SEE NOTE		DRAWN Y. GU		DWG No: 001001450240	
FINISH		CHECKED B. G.		SCALE 1:1	
APPROVED		SHEET 1 OF 1		FILENAME 001001450240ISSB.DWG	
8		9		10	
7		6		5	
4		3		2	
1		H		A4	

REVISION	DATE	CHECKED
A	2014-02-14	B. G.
B	20160428	L. B.