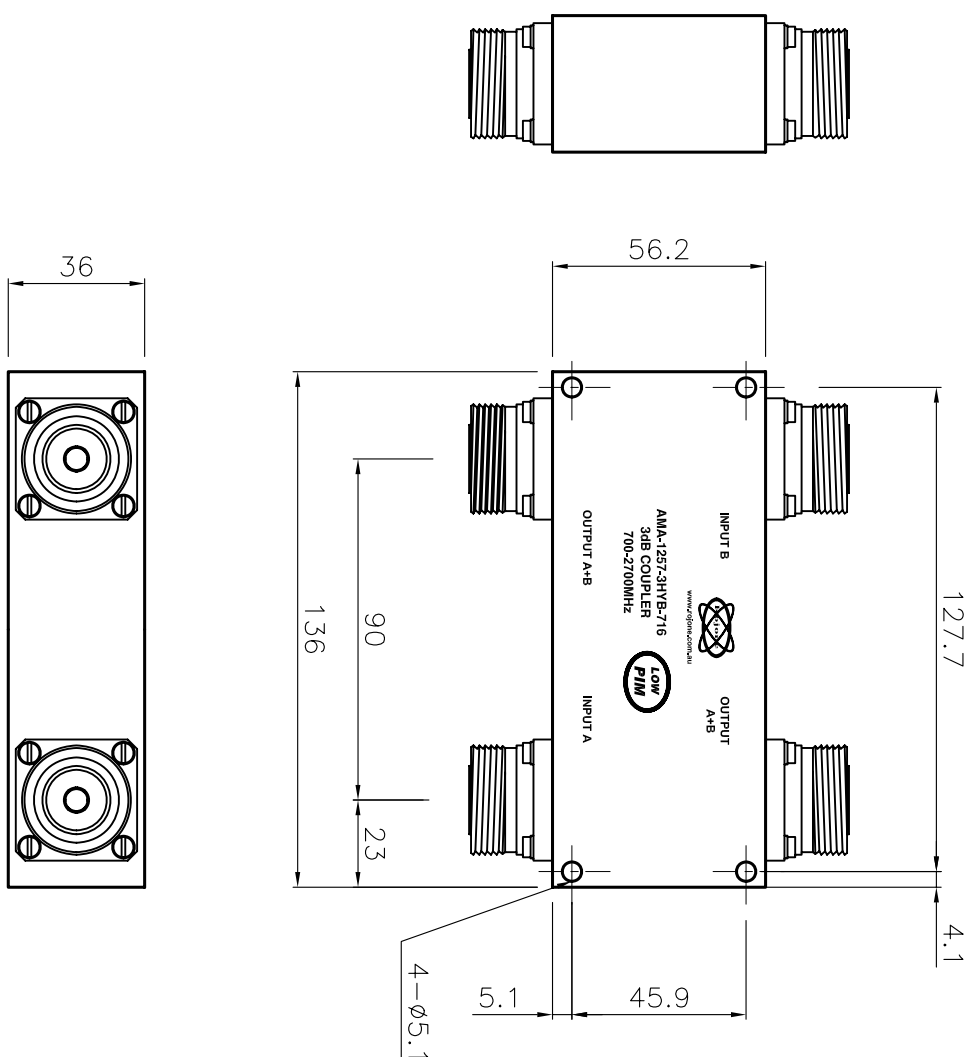


1	2	3	4	5	6	7	8	9	10	11	12	
ISS ZONE	DESCRIPTION/REVISION REQUEST	3rd ANGLE PROJECTION	THIS DOCUMENT AND THE DESIGN SHOWN THEREON IS THE PROPERTY OF ROLONE PTY LTD AND MUST NOT BE SOLD, LENT, GIVEN AWAY, COPIED, REPRODUCED OR OTHERWISE DIVULGED TO ANY THIRD PARTY OR USED FOR MANUFACTURE, OR ANY OTHER PURPOSE WITHOUT DIRECT WRITTEN PERMISSION OF ROLONE PTY LTD.									DO NOT SCALE
B	updated drawing no											
C	Updated power to 5000w peak											



SPECIFICATIONS
for AMA-1257-3HYB-716
and AMA-1257-3HYB-716EN

- FREQUENCY RANGE: 0.7-2.7GHz
- COUPLER TYPE: 4 PORT DIRECTIONAL
- POWER HANDLING: 200W CW (@25°C) 500W Peak
- COUPLING VALUE: 3dB
- RETURN LOSS: < -18dB, -20dB (TYP)
- AMP BALANCE: < 0.5dB, 0.3(TYP)
- IM: < -150dBc@43dBm_{x2} -155dB (TYP)
- THROUGH LOSS: 3.5dB MAX 3.2dB (TYP)
- OP TEMP: -40° TO +65° CELCIUS
- IP RATING: IP 65
- RF CONNECTOR: DIN 716 - F
- HUMIDITY: < 99% NO CONDENSATION
- WEIGHT: 820g AMA-1257-3HYB-716
1700g AMA-1257-3HYB-716EN (WITHOUT LOAD)

NOTES:

- 1/ ROLONE PART NO. DESIGNATION AMA-1257-3HYB-716.
- 2/ COUPLERS ARE DESIGNED FOR LOW INTERMODULATION OPERATION.
- 3/ ENVIRONMENTAL - ADD SUFFIX " -EN ", AMA-1257-3HYB-716EN (BRASS BODY).
- 4/ PRODUCTS ARE RoHS COMPLIANT.

UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES (mm)		TOLERANCE: LINEAR ±0.1 ANGULAR ±1°		REMOVE ALL BURRS AND SHARP EDGES	
		ROLONE PTY LTD ACN 002891241 44 AERO RD INGLEBURN 2965 SOUTH AUSTRALIA Ph: (012) 9829 1555 Fax: (612) 9805 8812 Web: www.rolone.com.au E-mail: sales@rolone.com.au		TITLE 0.7-2.7GHz COUPLER 3dB DIN-TYPE HYBRID INTERFACE DRAWING	
MATERIAL ALUMINIUM &/OR BRASS HOUSING & COVER		DRAWN Y. GU		SCALE 1:1	
FINISH POLYURETHANE AS2700 M2 STORM GREY		CHECKED H. JIA		SHEET 1 OF 1	
		APPROVED B. G.		FILENAME 001001450174ISSC.DWG	
				DRAWG No: 001001450174	
				A2	