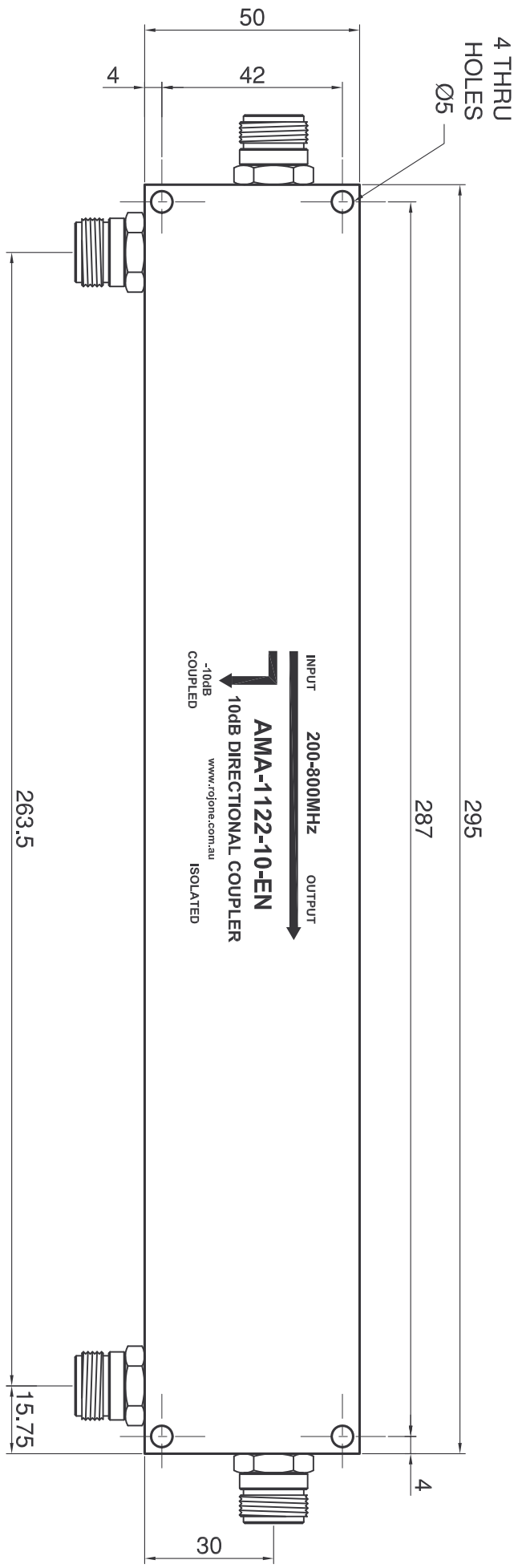


1	2	3	4	5	6	7	8	9	10	11	12	
REVISONS		3rd ANGLE PROJECTION	THIS DOCUMENT AND THE DESIGN SHOWN THEREON IS THE PROPERTY OF ROJONE PTY LTD AND MUST NOT BE SOLD, LENT, GIVEN AWAY, COPIED, REPRODUCED OR OTHERWISE DIVULGED TO ANY THIRD PARTY OR USED FOR MANUFACTURE. OR ANY OTHER PURPOSE WITHOUT DIRECT WRITTEN PERMISSION OF ROJONE PTY LTD.									DO NOT SCALE
ISSI ZONE	DESCRIPTION PER REQUEST/DATE											
b	Modified spec											



SPEC

for AMA-1122-10-EN

- Frequency Range: 200-800MHz
- Coupling: 10dB Typ
- Isolation: 40dB Typ
- Directivity: >27dB
- Input Rtn Loss: <-30dB
- Output Rtn Loss: <-27dB
- RF Input Power: 200W Max
- Op Temperature: -40 to 70°C
- Humidity: 100%
- Connector: N-F
- Weight: 1.2Kg (Brass - Environment Version)

Usable Band

- Frequency Range: 1200-1800MHz
- Coupling: -10dB Typ
- Isolation: 27-30dB
- Input Rtn Loss: <-20dB
- Frequency Range: 2200-2700MHz
- Coupling: -10dB Typ
- Isolation: 18dB
- Input Rtn Loss: <-15dB

Note: Test results are attached in PDF.

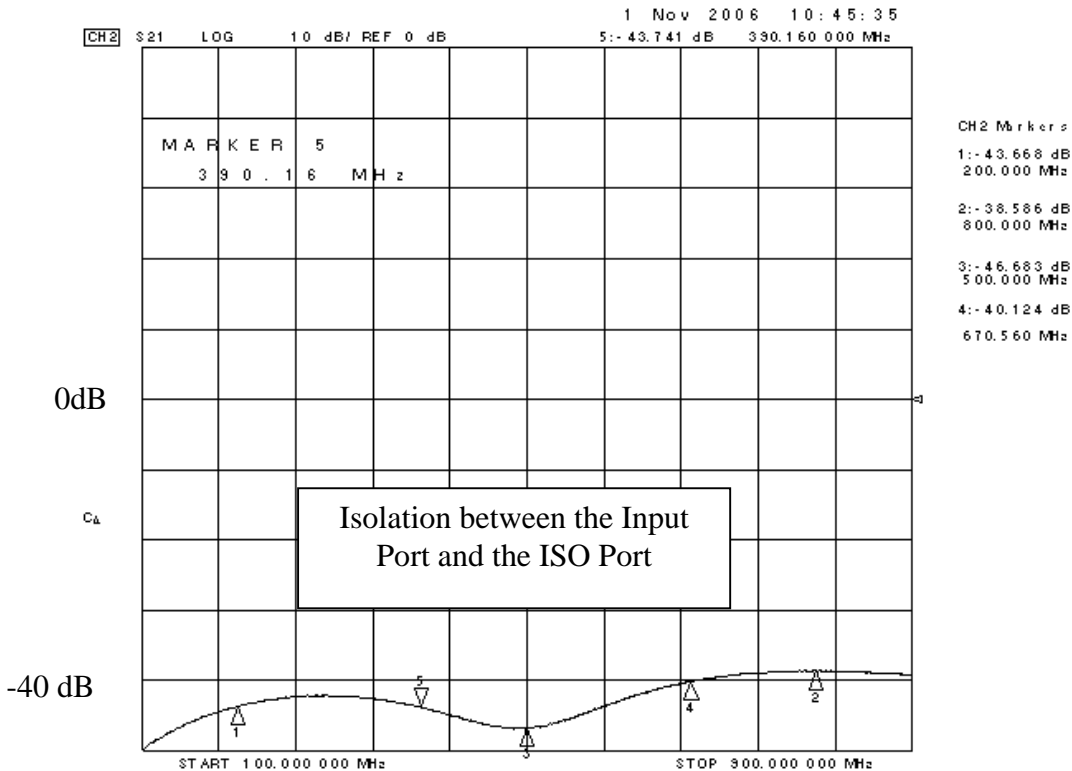
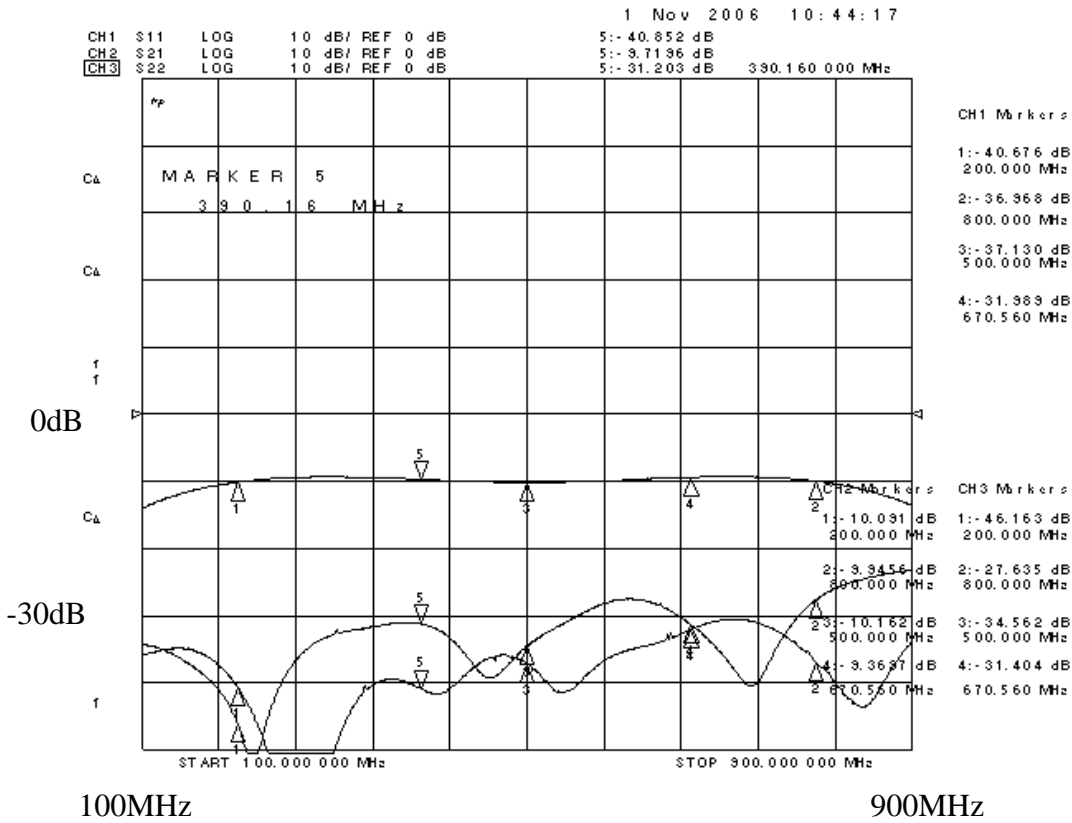


ROJONE PTY LTD ACN 002891241
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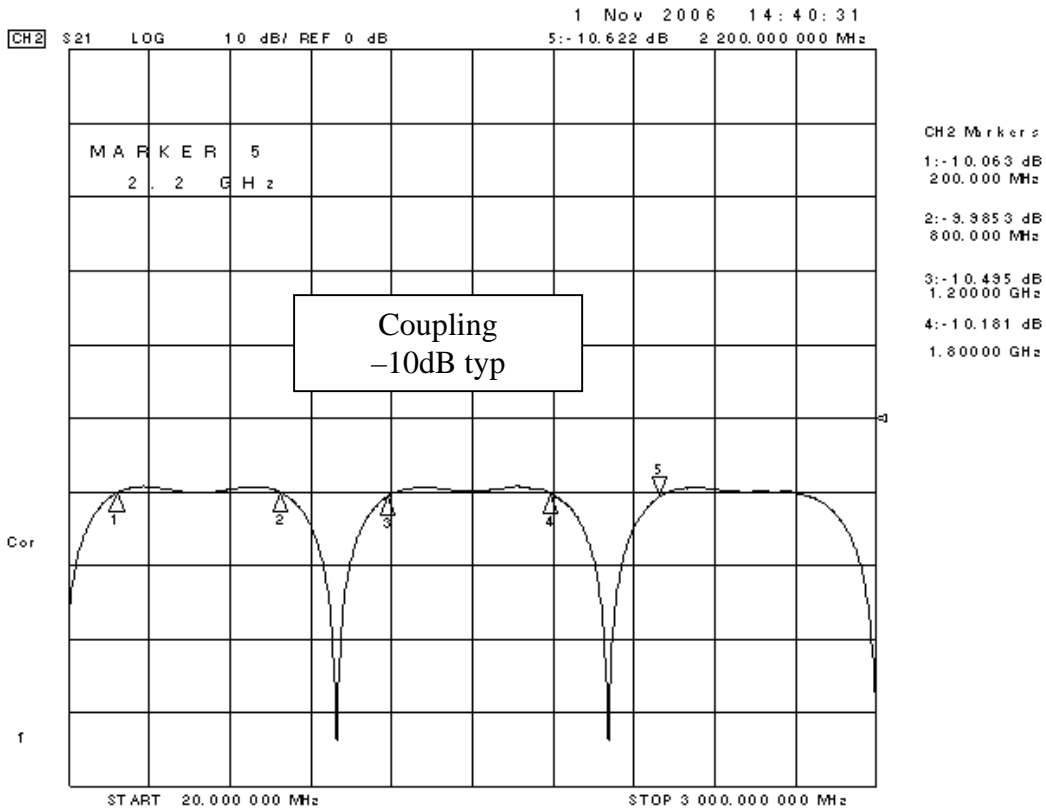
TITLE 200-800MHz COUPLER
 AMA-1122-10-EN
 INTERFACE DRAWING
 DRAWG No: 001001100024

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

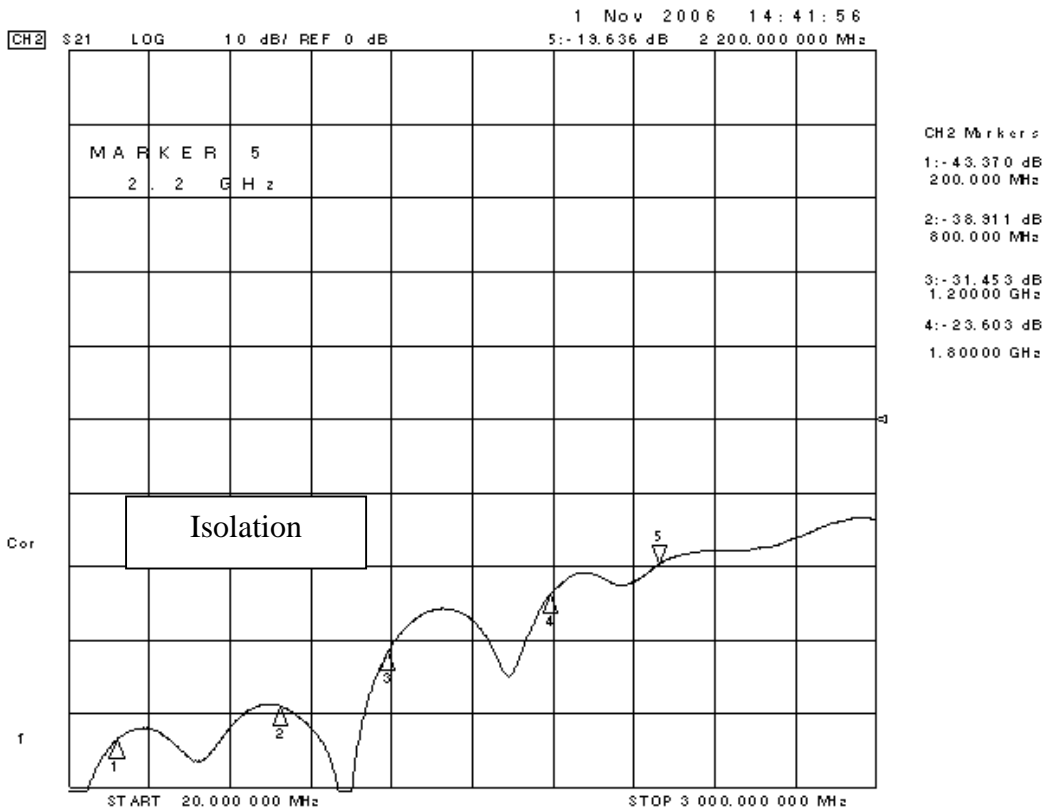
MATERIAL	N/A	DRAWN	Y. GU	SCALE	1:1	SHEET	1 OF 1
FINISH	N/A	CHECKED	H. JIA	FILENAME	001001100024ISSB.DWG	A3	
		APPROVED	B. G.				



Test Results for AMA-1122-10 Directional Coupler
 1st prototype

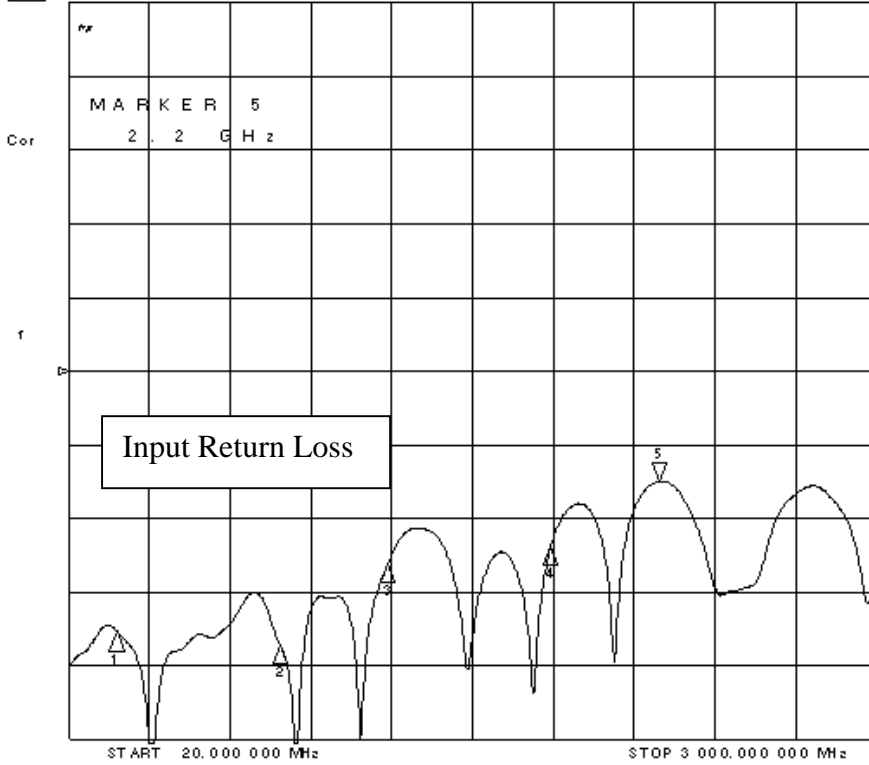


Multi-band performance of AMA-1122-10 Coupler



1 Nov 2006 14:40:52

CH1 S11 LOG 10 dB/ REF 0 dB 5:-14.925 dB 2 200.000 000 MHz



CH1 Markers

1:-35.236 dB
200.000 MHz

2:-37.084 dB
800.000 MHz

3:-25.856 dB
1.20000 GHz

4:-23.663 dB
1.80000 GHz