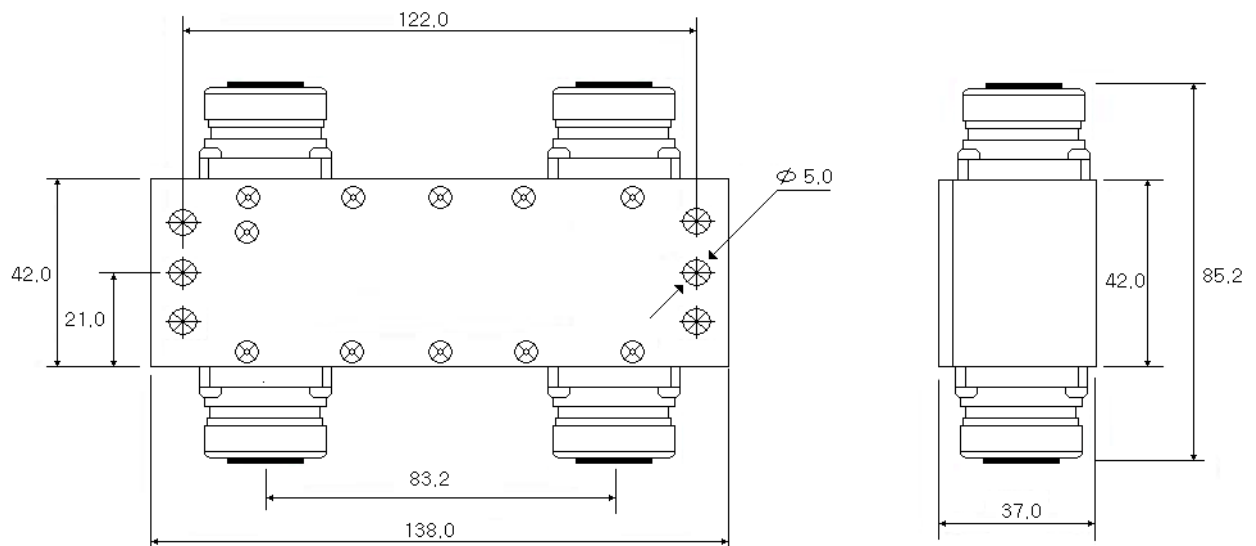


## Specification



Parameter	Unit	Specification
Frequency Range	MHz	800~2500
Nominal Coupling	dB	3.1
Ripple	dB	±0.5 (Max)
Isolation	dB	25 (Typ), 23 (Min)
V.S.W.R	-	1.2 : 1 (Max)
PIMD	dBc	140 (Min) @ 43dBm / 2tone
Input Power	Watts	120 (Max)
Impedance	Ω	50
Operating Temperature	°C	-35 ~ +75
Connector	-	7/16(DIN) – Female // or N(Female)
Waterproof	-	IP68
Weight	Gram	940
RoHS Compliance	-	Yes
Finish	-	Black Paint

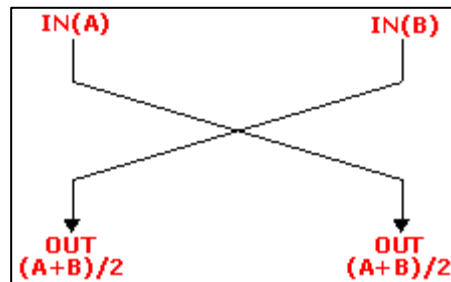
## Package Dimension



## Feature

This hybrid coupler is optimized to combining, splitting two signals for indoor/outdoor system.

- Broad Range(800~2500Mhz)
- High Isolation
- RoHS Compliance
- IP 68
- Low Loss/Low VSWR
- Broad Range(800~2500Mhz)

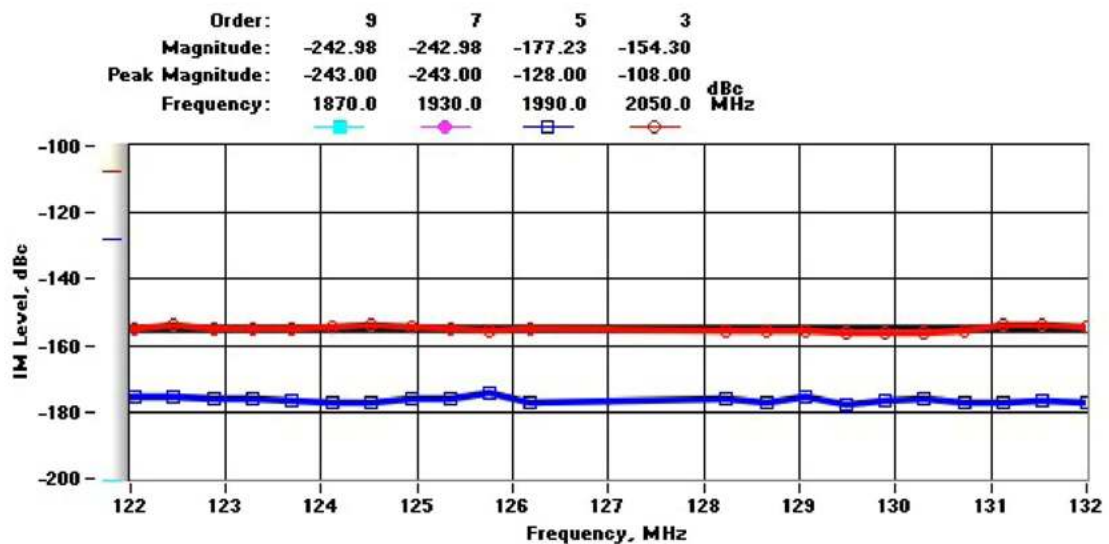


## Passive IM Test Report

- Description : Coupler 3dB Hybrid #2
- Carrier Status

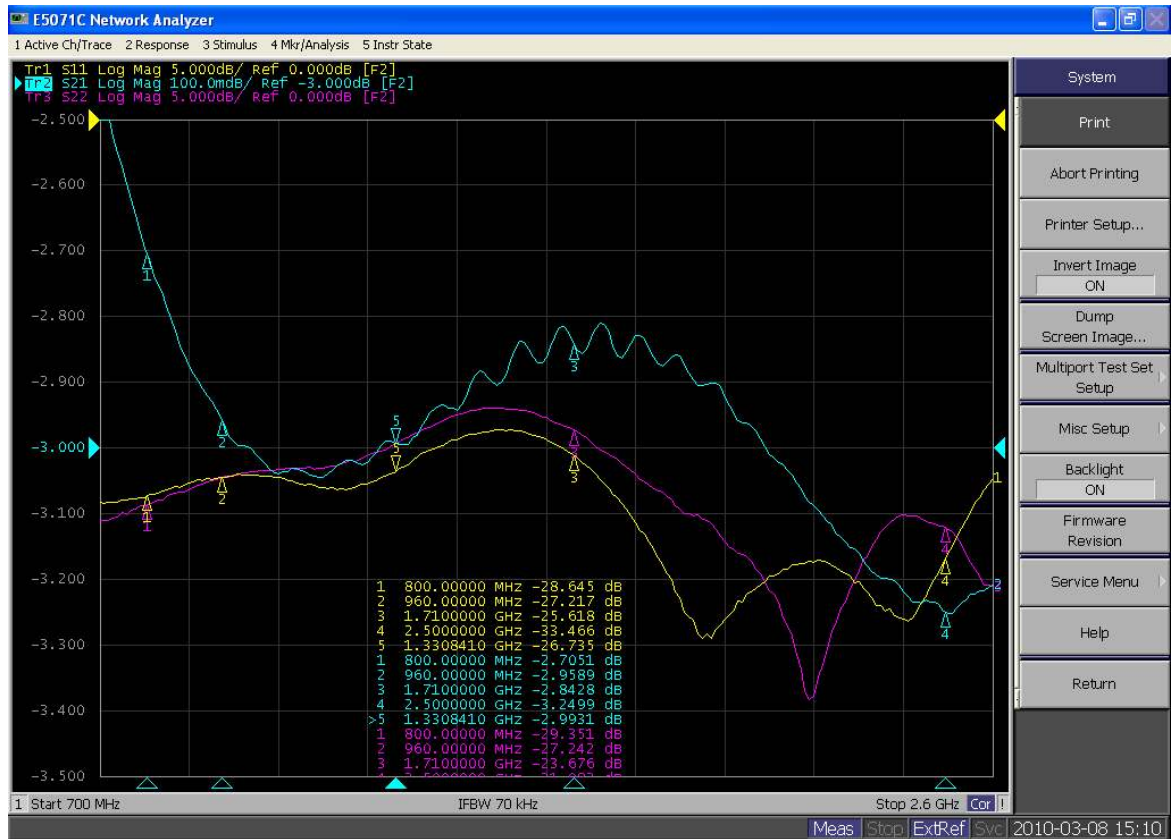
ALC is on	Frequency	Measured Power	Requested Power	Offset
Carrier 1	2110.0 Mhz	43.0 dBm	43.00	0.0dB
Carrier 2	2170.0 Mhz	43.0 dBm	43.00	0.0dB

## Passive IM Response

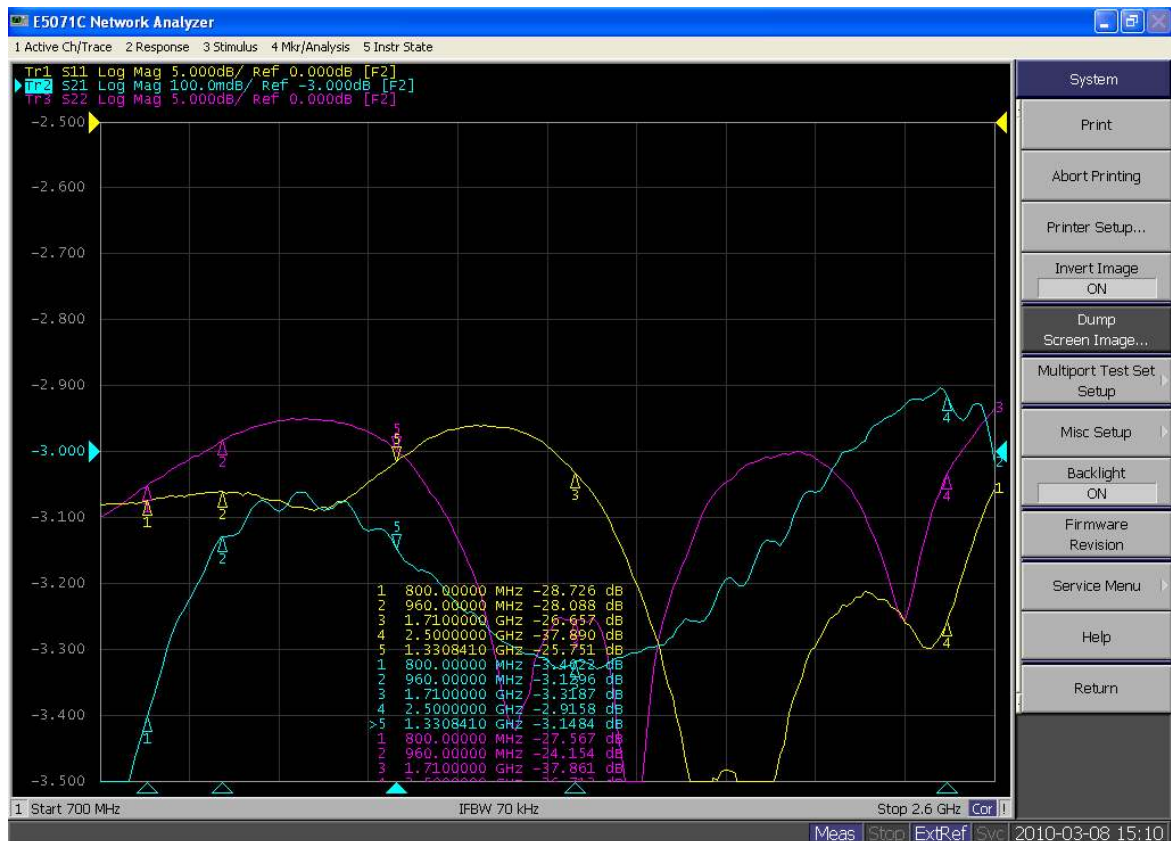


# Performace Graphs

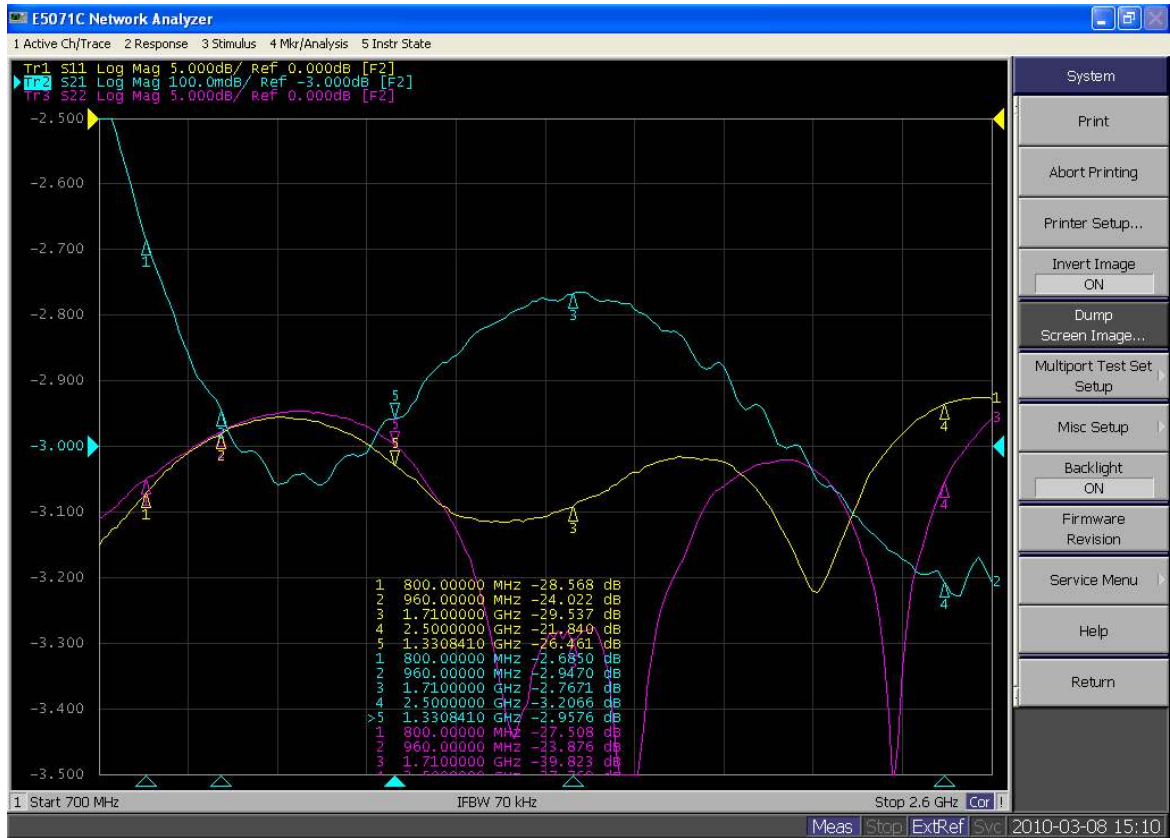
## Input A (Main)



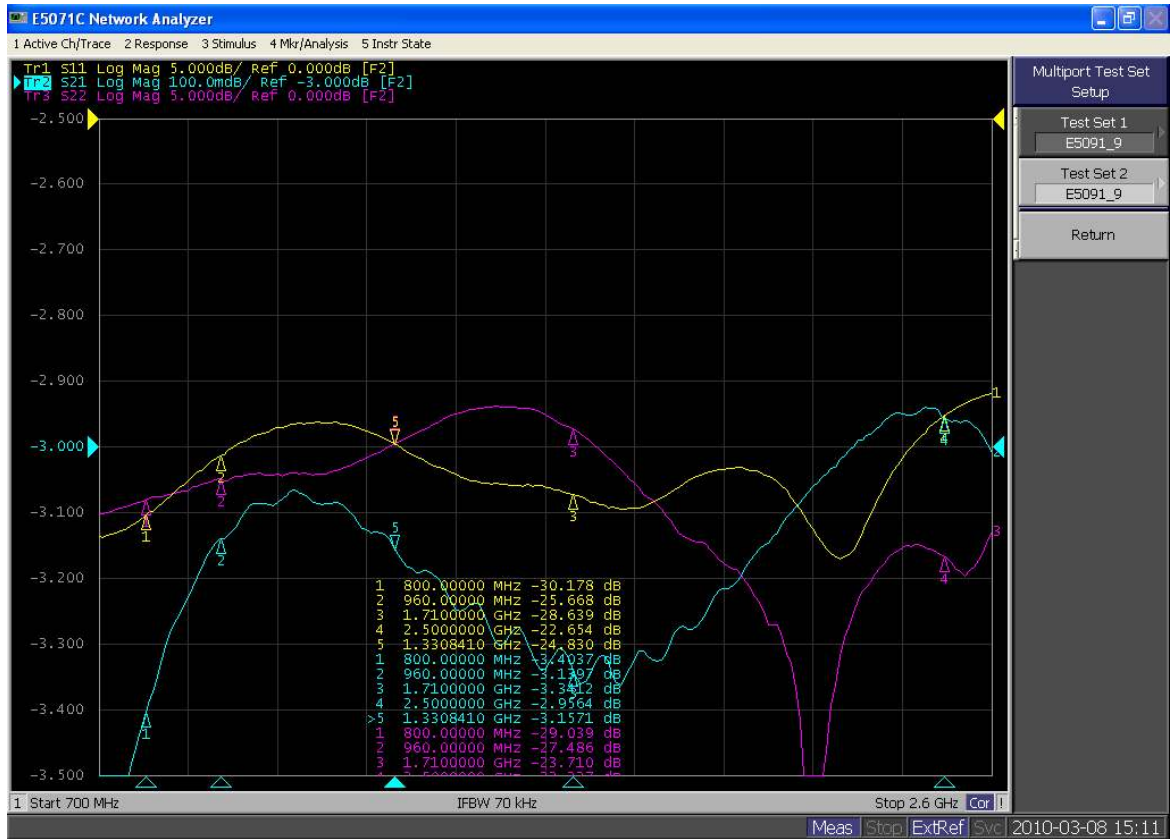
## Input A (Coupling)



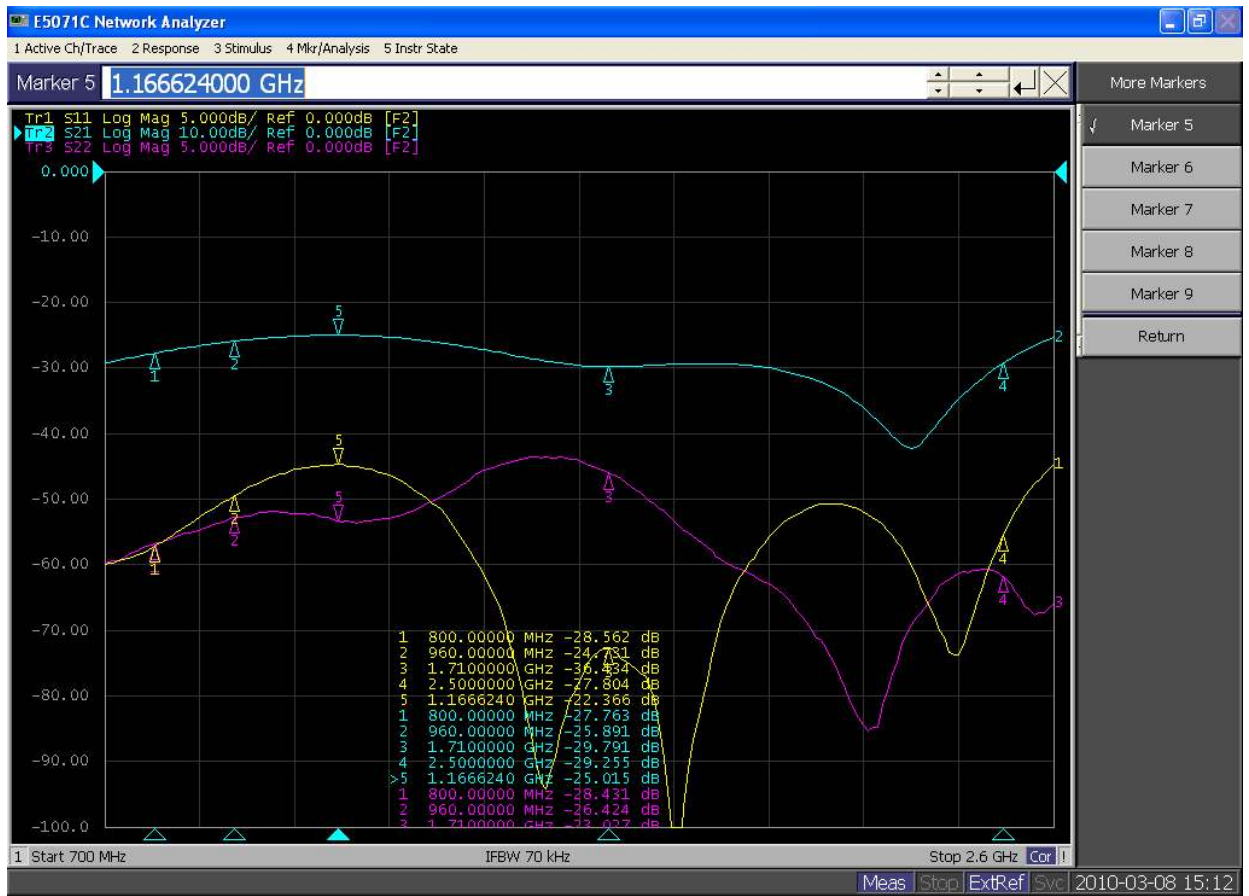
### Input B (Main)



### Input B (Coupling)



# Isolation



PIMD TEST RESULT



2010.03.10

[www.ctech.co.kr](http://www.ctech.co.kr)