

Features

- Light Weight
- Compact Size
- Unique Coupler structure for wide band high directivity operation.
- Internal Wide Band Diode Detector
- No DC input
- Output with 3 pin DC connector
- Fast response time
- 2.5 mm Molex connector interface
- Useful from 2GHz to 6 GHz

Electrical Specification RCP3060A

Parameter	Symbol	Typical	Units/Remarks
Operating frequency		3000~6000	MHz
Maximum handling power	Pw	> 20	Watt
Dynamic Range		0.1~10W	Watts
Insertion Loss	IL	TBD	dB
Input VSWR,	VSWR	1.5:1	
Output VSWR	VSWR	1.5:1	
Detector Accuracy		TBD	
Detector flatness over band		TBD	
Directivity		15 TBD	dB min dB Typ.
Detector Response time		TBD	
Detector port output impedance		1	kohm
RF Connector Type		SMA	female
Size (w/o Connector Extension)		61 x 41.4 x 17	mm
Operating Case Temperature		-20~70	degree C
Storage Temperature		-40~90	degree C
Weight		< 60	g
Vibration Condition		TBD	

Specifications subject to change without notice.

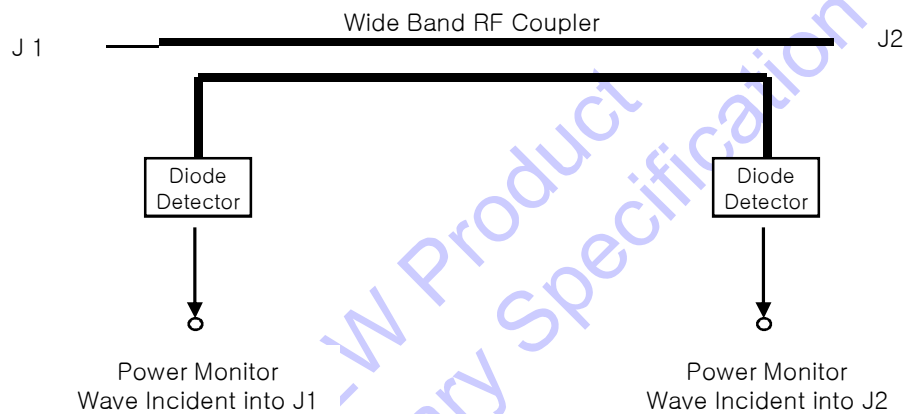
Customer Service: Tel. 82-31-708-7575

Email: kijeon@rfcore.com

<http://www.rfcore.com>

Descriptions

RCP3060A measures forward and reflected power using wide band directional coupler with high directivity. Efforts were made on lightness and compactness as well as wide bandwidth, flat response, high directivity and low insertion loss. It could be best for antenna port monitoring in portable RF equipments after amplifier.



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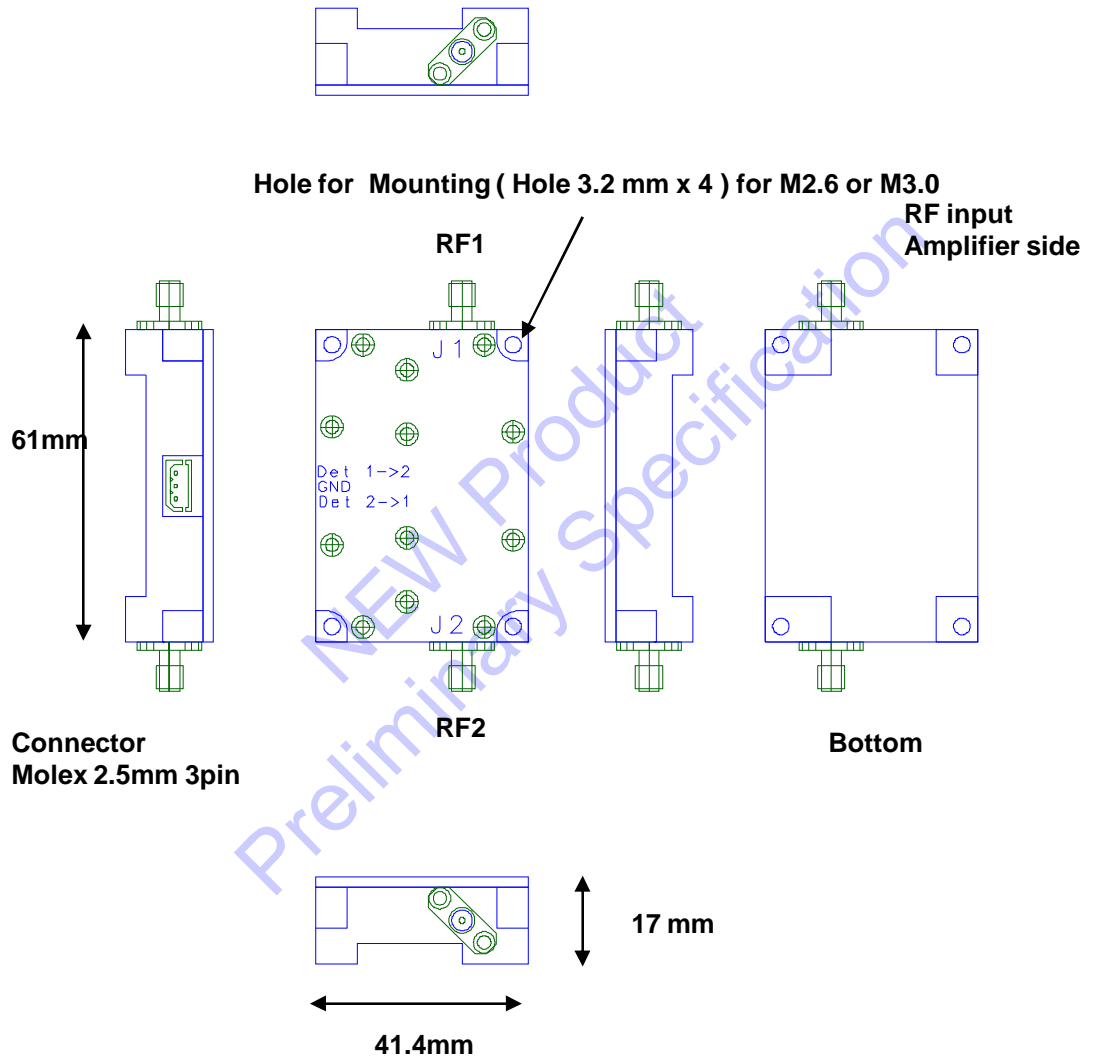
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RCP3060A

Brief Mechanical Description



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Pin Description

Pin Name	Description
J1	RF Port 1
J2	RF Port 2
Molex Pin1	Power Monitor for RF incident into J1
Molex Pin2	Ground
Molex Pin3	Power Monitor for RF incident into J2

Typical Performance Measured with 50 ohm termination at output.

NEW Product
Preliminary Specification

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