

Specification of 500~1000MHz High Power Return Loss Detector

Model Name : RCP0510A

Parameter	Symbol	Typical	Units/Remarks
Bandwidth		500~1000	MHz
Maximum handling Power	Pw	100	Watt
Dynamic Range		1~100	Watts
Insertion Loss	IL	< 0.4	dB
Input VSWR,	VSWR	1.5:1	
Output VSWR	VSWR	1.5:1	
Return Loss Detector Slope	SRL	0.1	V / dB
Detector Accuracy		TBD	
Detector flatness over band		TBD	
Detector Linearity vs power input		TBD	
Detector Stability over Temperature		TBD	
Detector Response time		TBD	
Forward/Reverse Power Detector slope	SDEC	0.05	V/dB
Input Voltage	Vdc	5 +/-0.5	V
Current Consumption	Idc	200	mA
Alarm/~Alarm output		5V TTL	
Alarm Response Time		TBD	nsec
Detector port output impedance		1	kohm
RF Connector Type		N	female
Size (w/o Connector Extension)		86 x 74 x 27	mm
Operating Case Temperature		-20~70	degree C
Storage Temperature		-40~90	degree C
Vibration Condition		TBD	

Mechanical Drawing

Dimension (WXDXH) : 86(W) * 74(D) * 27(H)mm

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