

# Wide Band High Power Diplexer

Product Name : RDX400A

Doc. Name : Preliminary Short Spec.

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<p><b>Preliminary Short Specification</b> for <b>RDX400A</b></p>
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1

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Created	Printed	Document Number	Revision	Manufacturer
2011/1/31	2013/11/26		B	<b>RFcore co.,Ltd</b>
File : RDX400A Short Spec.docx				

*The Specifications is subject to change before finalization*

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# Wide Band High Power Diplexer

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## ELECTRICAL SPECIFICATIONS

Parameter	Specification	Remark
Bandwidth	B1 : 100 ~ 400 MHz, B2 : 440 ~ 900 MHz	
Maximum Working Load VSWR	4.0 : 1	
Insertion Loss	1.2 dB max @ B1	
	1.2 dB max @ B2	
Input VSWR	2.0 : 1 max	
Output VSWR	2.0 : 1 max	
Minimum Isolation Between Input port	8 dB min.	@ 400 MHz and 440 MHz
Power Handling Capability for each port	130 W	
Peak Power Handling Capability	260 W	

2

## ENVIRONMENTAL SPECIFICATIONS

Parameter	Specification	Remark
Operating Case Temperature	-20 ~ 70 °C	
Storage Temperature	-40 ~ 90 °C	

## MECHANICAL SPECIFICATIONS

Parameter	Specification	Remark
Dimension	100 x 90 x 25 mm	w/o Connector Extension
RF Connector	N – Female	

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