

High Power Diplexer

Product Name : RDX100D

Doc. Name : Preliminary Short Spec.

<p>Preliminary Short Specification for RDX100D</p>
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Created	Printed	Document Number	Revision	Manufacturer
2010/3/5	2012/9/5		A	<i>RFcore co.,Ltd</i>
File : RDX100D Short Spec.docx				

The Specifications is subject to change before finalization

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ELECTRICAL SPECIFICATIONS

Parameter	Specification	Remark
Bandwidth	LF Port : 20 ~ 84 MHz HF Port : 114 ~ 500 MHz	
Maximum Working Load VSWR	4.0 : 1	
Insertion Loss	1.0 dB max @ 20 ~ 84 MHz 1.0 dB max @ 114 ~ 500 MHz	
Input VSWR	2.0 : 1 max	
Output VSWR	2.0 : 1 max	
Minimum Isolation Between Input port	17 dB min @ Band Edge	@ 84 MHz and 114 MHz
Power Handling Capability for each port	100 W	
Characteristic Impedance	50 ohm	

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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