

Wide Band High Power Diplexer

Product Name : RDX09N18-22A

Doc. Name : Preliminary Short Spec.

<p>Preliminary Short Specification for RDX09N18-22A</p>

1

<p>RESTRICTION ON USE, DUPLICATION, OR DISCLOSURE OF PROPRIETARY INFORMATION</p>

This document contains proprietary information, which is the sole property of RFcore co., LTD.
The document is submitted to the recipient for his use only.

By receiving this document the recipient undertakes not to duplicate the documents or to disclose in part of, or the whole of, any of the information contained herein to any third party without receiving before hand, written permission from the submitting company.

Created	Printed	Document Number	Revision	Manufacturer
2010/1/18	2011/3/8		A	<i>RFcore co.,Ltd</i>
File : RDX09N18-22A Short Spec.docx				

The Specifications is subject to change before finalization

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

Email: sales@rfcore.com

<http://www.rfcore.com>

Wide Band High Power Diplexer

Product Name : RDX09N18-22A

Doc. Name : Preliminary Short Spec.

ELECTRICAL SPECIFICATIONS

Parameter	Specification	Remark
Bandwidth	B1 : 902 ~ 960 MHz, B2 : 1800 ~ 2200 MHz	
Maximum Working Load VSWR	4.0 : 1	
Insertion Loss	0.4 dB typ. 0.8 dB max @ B1	
	0.4 dB typ. 1.0 dB max @ B2	
Input VSWR	2.0 : 1 max	
Output VSWR	2.0 : 1 max	
Minimum Isolation Between Input port	20 dB min	@ 960 MHz and 1800 MHz
Power Handling Capability for each port	50 W	
Peak Power Handling Capability	100 W	

2

ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Parameter	Specification	Remark
Dimension	95 x 50 x 17 mm	w/o Connector Extension
RF Connector	SMA – Female	

Created	Printed	Document Number	Revision	Manufacturer
2010/1/18	2011/3/8		A	RFcore co.,Ltd
File : RDX09N18-22A Short Spec.docx				

The Specifications is subject to change before finalization

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

Email: sales@rfcore.com

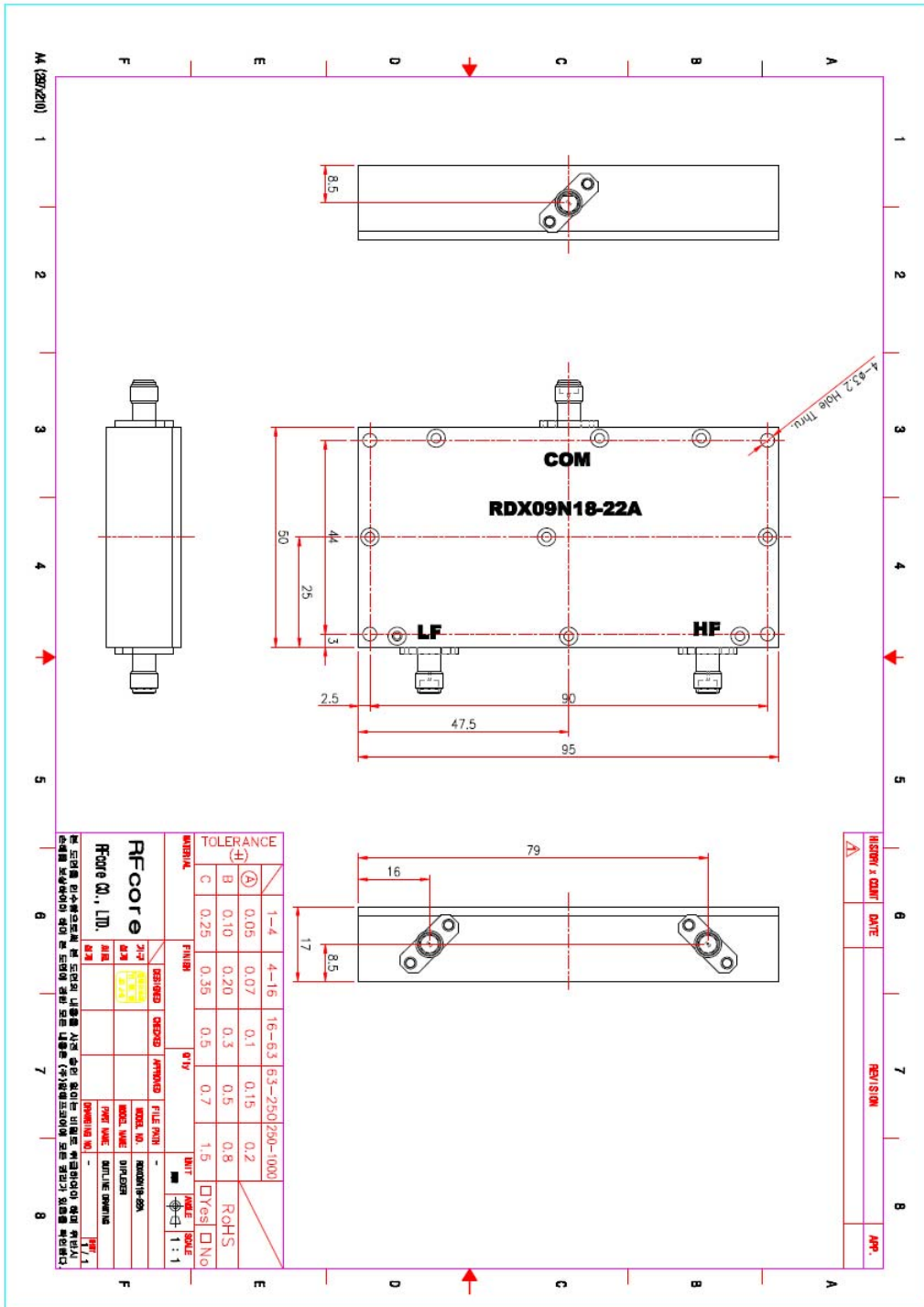
http://www.rfcore.com

Wide Band High Power Diplexer

Product Name : RDX09N18-22A

Doc. Name : Preliminary Short Spec.

MECHANICAL DRAWING



Created	Printed	Document Number	Revision	Manufacturer
2010/1/18	2011/3/8		A	RFcore co.,Ltd
File : RDX09N18-22A Short Spec.docx				

The Specifications is subject to change before finalization

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

Email: sales@rfcore.com

http://www.rfcore.com