

Document Type <b>Preliminary Specification</b>		Document No.	Editor	Date : 2013-12-25	
Project Name	Unit <i>Band Diplexer Filter</i>	Part No. RFCDPX 0530N5758		Revision 1.0	Page

## 1. Electrical Specification

Parameter	Diplexer		Remark
	LOW	HIGH	
Frequency Range	500~3000MHz	5725~5875 MHz	
Bandwidth	2500MHz	150 MHz	
Insertion Loss	1.0 dB Max.	1.0 dB Max.	
Pass Band Ripple	0.3 dB Max.	0.3 dB Max.	
Return Loss	15.0 dB Min.	15.0 dB Min.	
Attenuation	60 dB Min. @5725 ~5875MHz	60 dB Min. @500~3000MHz	
Power Handling	5 Watts Max.		
RF Connector	SMA Female		
Operating Temp.	-10°C ~ 75°C		
Dimension(W*D*H)	100 * 50 * 26 mm		Without connector

## 2. Mechanical Specification

Units : mm, tolerance : +/-0.1 mm

