

 RFMORECOM. Korea	<h1 style="margin: 0;">Specification</h1>	Item	REV
		BPF	00

Part no : RMC1877.5B15M01

1. FEATURES

- HIGH PERFORMANCE
- HIGH RELIABILITY
- SMD TYPE
- RoHS Compliant

2. Electrical Specification

ITEM		Remark
1) Frequency range	Rx:1870~1885MHz (BW=15M)	
2) Insertion Loss	1.0dB Max	
3) Return Loss	18dB Min	
4) Ripple within band	0.2dB Max over any1.25MHz 0.6dB across the 15MHz band	
5) Group Delay Deviation	20nSec max in any 1.25MHz	
6) Rejection	85dB Min @ 1950-1965MHz 75dB Min @ 80-1800MHz 75dB Min @ 2.2 to 4Ghz	
7) Ant/Tx,Rx Port	SMA(F)	
8) Impedance	50 Ohm nominal	
9) Size	138.0x33.5x33.0 (mm)	
10) Output Power @ OUT PORT Edge	10W *Average Power is RMS power of two CDMA signals at the Antenna Port and in the Rx Band ** The IL shall not change when the Antenna Port is terminated with a 12dB return loss load under the specified RF power at least for 5 continuous hours of operation and 73 baseplate temp.	
11) Coupling Port from OUT port	30dB ± 1dB	
12) Temperature range	-20 to +80	



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3. Mechanical Specification

