

P/N : RMC1856.5 1936.5D13M01

1. FEATURES

- ▶ High Performance
- ▶ High Reliability
- ▶ Coaxial Type
- ▶ Duplexer Band A
- ▶ RoHS Compliant

2. Electrical Specifications

ITEM	Specification		Remark
1) Frequency range	Tx:1930-1943MHz (BW=13M)	Rx:1850~1863MHz (BW=13M)	
2) Insertion Loss@BW	1.0dB Max	1.0dB Max	
3) Return Loss @BW	18dB Min	18dB Min	
4) Ripple within band	0.2dB Max over any1.25MHz 0.5dB across the 15MHz band	0.2dB Max over any1.25MHz 0.6dB across the 5MHz band	
5) Group Delay Deviation	20nSec max in any 1.25MHz		
6) Rejection	15dB MIN @ 1953-1963MHz 80dB Min@ 1850~1863MHz 75dB Min @ 80-1800MHz 75dB Min @2.2 to 4GHz	80dB Min @ 1930-1943MHz 75dB Min @ 80-1800MHz 75dB Min @ 2.2 to 4GHz	
7) Ant/Tx,Rx Port	SMA(F)		
8) Impedance	50 Ohm nominal		
9) Size	138.0x63.0x33.0 (mm)		
10) Output Power @ COM PORT Edge	30W		
11) Coupling Port	30dB ± 1dB		
12) Temperature range °C	-20 to +80		Unit : °C

* COM Port power is for a CDMA signal with 12dB peak to average ratio.

** The unit shall not be damage when terminated with a 3:1 VSWR load under the specified RF Power

***Mechanical Requirement:

All SMA connector will be on the same surface.(exception coupling port)

3. Mechanical Specifications

