

P/N : RMC836 881.75D18M03

1. Features

- ▶ HIGH PERFORMANCE
- ▶ HIGH RELIABILITY
- ▶ Coaxial TYPE
- ▶ Duplexer
- ▶ RoHS Compliant

2. Electrical Specifications

ITEM			
1) Frequency range	Tx:875MHz~888.5MHz (BW=13.5M)	Rx:827MHz~845MHz(BW=18M)	
2) Insertion Loss	2.0dB Max, 1.7dB Typ,	1.0dB Max, 0.9dB Typ	
3) Return Loss	20dB Min	20dB Min	
4) Passband Ripple	1.5dB Max	0.5dB Max	
5A) Monitoring Port 1(2)	-29.5dB±0.5dB The specified coupling level should track the Insertion Loss by ±0.25dB over the Tx/Rx passbands		
5B) Monitoring Port 2(2)	-26.0dB±0.5dB The specified coupling level should track the Insertion Loss by ±0.25dB over the Tx/Rx passbands		
6) Isolation	75dB Min, 85dB Typ.		
7) Rejection	75dB Min@DC~845MHz 30dB Min@890MHz	80dB Min@875~888.5MHz	
8)ANT/Tx,Rx Port/Montring	SMA(F) (DC Ground Potential)		
9) In/Out Impedance	50 Ohm nominal		
10) Size	8.79x4.3x2.59 (inch)		
11 Power Output (@ COM Port) (1)	30Watts AVG		
12) Temperature range °C	0 to +80		°C

Remark :

- (1) CDMA Signal (Peak to Average 12dB)
- (2) Monitoring is Coupled from Both Rx & Tx Signals (From COM Port)
- (3) The duplexer shall not be collapse when terminated with a 1.5:1 VSWR load under the specified RF Power

3. Mechanical Specifications

