

P/N :RMC836.5 881.5D25M06

1. FEATURES

- ▶ High Performance
- ▶ High Reliability
- ▶ Coaxial Type
- ▶ 800MHz Band Duplexer
- ▶ RoHS Compliant

2. Electrical Specifications

ITEM	Specification		Remark
	LOW	HIGH	
1) Frequency range	LOW:824MHz~849MHz	HIGH:869MHz~894MHz	
2) Insertion Loss @Center Frequency	0.9dB Max	0.9dB Max	
3) Return Loss	17dB Min	17dB Min	
4) Pass Band Ripple	0.4dB Max P T P	0.4dB Max P T P	
5) Attenuation	60dB Min@DC~-25MHz from Passband(824MHz) 90dB Min@Passband(849MHz) +25MHz to 2.5GHz	90dB Min@DC~-25MHz from Passband(869MHz) 60dB Min@-25 to -10MHz from Passband(869MHz) 60dB Min@Passband(894MHz) +10MHz to 2510MHz 90dB Min@Passband(894MHz) +25MHz to 2.5GHz	
6) RF Power Capability CW	10 Watts Max	70 Watts Max	
7) Isolation between Filters	90dB Min, 95dB Typ		
8) COM/LOW,HIGH Connector	N(F)/SMA(F), N(F)e		
9) Dimension	8.55 x 3.6 x 2.59		Unit : inches
10) Impedance	50 Ohm nominal		
11) Temperature range	-30 to +75		Unit : °C

* Input/Output @ DC Ground Potential

** Tx Power : (Composite 4CDMA Channels per IS95, 3CDMA Channels ETSI125124 into 3.0:1 Load worst case)

3. Mechanical Specifications

