

## Duplexer for CDMA 800Mhz

Model : PW-DF-825-20/870-20

### Description :

PW-DF-825-20/870-20 is a filter for use on CDMA 800Mhz which able to separate Transmit & Receive Channel with minimum insertion loss and high OUT-BAND Rejection. All Pacific Wave Filter are temperature compensated which ensures full performance over the operation temperature Range (-20 till +70 Celcius).

### Product Advantages :

Compact Design, High Performance and Flexible Mounting Option.  
Integrated and Low Passive Inter-modulation Product Compact with Indoor Rated Design.  
High Selective Filter with Low Insertion Loss and Reliable Technical Performance.

### Technical Specification :

Parameter	Unit	Rx	Tx
Frequency Range	MHz	825 - 845	870 – 890
Band-width	MHz	20	20
IL at BW	dB	≤ 1.0	≤ 1.0
Ripple at BW	dB	≤ 0.6	≤ 0.6
Rejection	dB	≥ 80 @ 870-890 Mhz	≥ 80 @ 825-845 Mhz
Isolation	dB	≥ 80 @Tx	≥ 80 @Rx
In/Out Impedance	Ohm	50	
Power Handling	Watt	100	
Connectors		N-Female or DIN-Female	
Return Loss	dB	≥ 20	
PIM	dBc	≤ -150@2 x +43dBm	
Dimensions	mm	W282 x L70 x D47 for Wall Mounted	
Weight	Kg	1.4	
Temperature Range	°C	-20 ~ +70	

**Outline Drawing :**

