

Reject Filter for CDMA800

Model : PW-RF-907.5-7.5/915-7.5

Description :

PW-RF-907.5-7.5/952.5-7.5 is a filter for use on GSM 900MHz Base Station susceptible to interference from CDMA800 System. The Filter offer low insertion Loss (0.6dB) in desired GSM band whilst offering high rejection (65dB) to CDMA800 Signal.

Product Advantages :

Compact, Integrated, Indoor/Outdoor Rated Design and Flexible Mounting Option.

Can be used on Duplexed System as well as Received only.

Reliable Technical Performance – include Insertion Loss, Rejection, Return Loss and Power Handling.

Technical Specification :

1. Electrical Specification for RX path

No.	Item	Specification	Note
1	Frequency Range	907.5~915 MHz	
2	Band Width	7.5 MHz	
3	Insertion Loss	0.6 dB max	
4	Ripple	0.3 dB max	
5	Return Loss	18 dB min	
6	Attenuation	65 dB min @ 825~890 MHz	
7	Power Handling	300 W	

2. Electrical Specification for TX path

No.	Item	Specification	Note
1	Frequency Range	952.5~960MHz	
2	Band Width	7.5 MHz	
3	Insertion Loss	0.6dB max	
4	Ripple	0.3 dB max	
5	Return Loss	18 dB min	
6	Power Handling	300 W	

3. Mechanical Specification

No.	Item	Specification	Note
1	Input/Output Connector	DIN (F)	
2	Plating	Silver plating	
3	Dimension (incl. connectors)	W236 x L147 x D70mm	
4	Operating temperature	-20°C~+65°C	

This Filter will deliver GSM Performance System with greater sensitivity and will experience the benefit of improved performance, greater Coverage, fewer dropped calls, and improved user satisfaction.

4. Mechanical Drawing

