

WSN-00140 GSM Interference Mitigation TX Notch Filter

◆ Features:

- Elliptic Response of Ceramic Notch Filter;
Can be Installed in Duplexed Antenna Feedline
- Low Loss in Passbands - 0.75 dB Maximum
- Specified Rejection 1 MHz from Passband; 25 dB Minimum

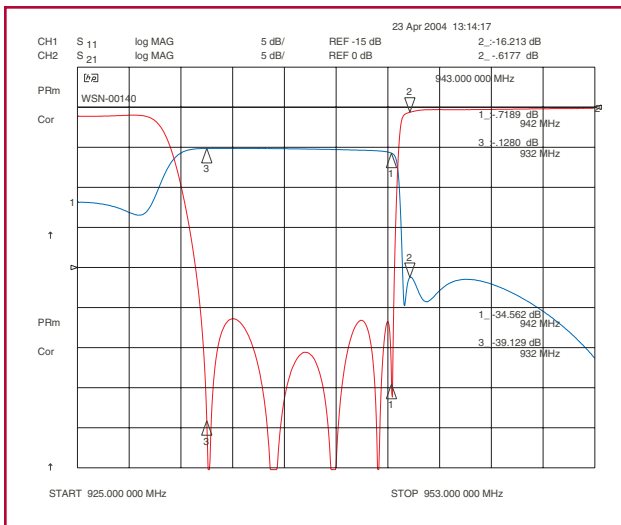


◆ Specifications:

Passbands:	880 to 915 MHz 943 to 980 MHz	Characteristic Impedance:	50 ohms (in passband)
Passband Insertion Loss		Dimensions:	12.8"L x 7.5"W x 5.9"H (excluding connectors)
880-915 MHz:	0.30 dB max.	Connectors:	N-F
943-946 MHz:	0.75 dB max.	Operating Temperature Range:	-10°C to +70°C
946-980 MHz:	0.30 dB max.	Operating Humidity:	0 to 90%, Non-condensing
Passband Return Loss:	15 dB min.	Storage Temperature Range:	-40°C to +85°C
Rejection		Finish:	Shadow black paint
932 to 942 MHz:	25 dB min.		
Passband Power Handling			
CW:	100 Watts		
Peak Instantaneous:	1000 Watts		

◆ Applications:

- Broadband Noise Suppression caused by GSM Transmitter/Combiner Systems
- Test Systems Used to Measure Broadband Spectral Re-growth



S₁₁ & S₂₁ Response

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