

WSN-00139 GSM Interference Suppression TX Notch Filter

◆ Features:

- Elliptic Response Ceramic Notch Filter; Can be installed in Duplexed Antenna Feedline to Suppress GSM Primary/Sideband Energy
- Very Sharp Transition from Passband to Reject Band - 1 MHz!
- Suitable for Macro or Micro Cellular Systems



◆ Specifications:

Passband:	800 to 942 MHz	Dimensions:	12"W x 8.6"D x 5.9"H (excluding connectors)
Passband Insertion Loss		Connectors:	N-F
800 to 935 MHz:	0.3 dB max.	Operating Temperature Range:	-10°C to +70°C
935 to 942 MHz:	0.8 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
943 to 947 MHz:	30 dB min.		
Passband Power Handling			
CW:	100 Watts		
Peak Instantaneous:	1000 Watts		
Characteristic Impedance:	50 ohms (in passband)		

◆ Applications:

- Noise Suppression of GSM Macro/Micro-Cellular Transmitter/Combiner Systems
- Test Systems Used to Measure Broadband Spectral Regrowth

Filtering Solutions for Your Global Market

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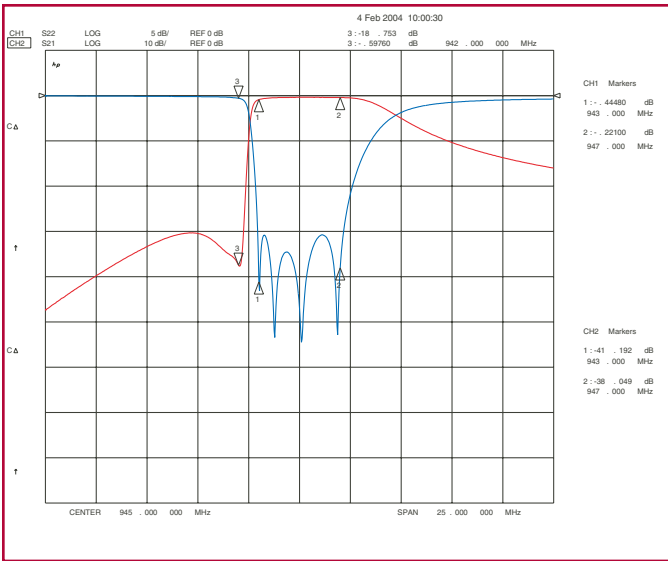
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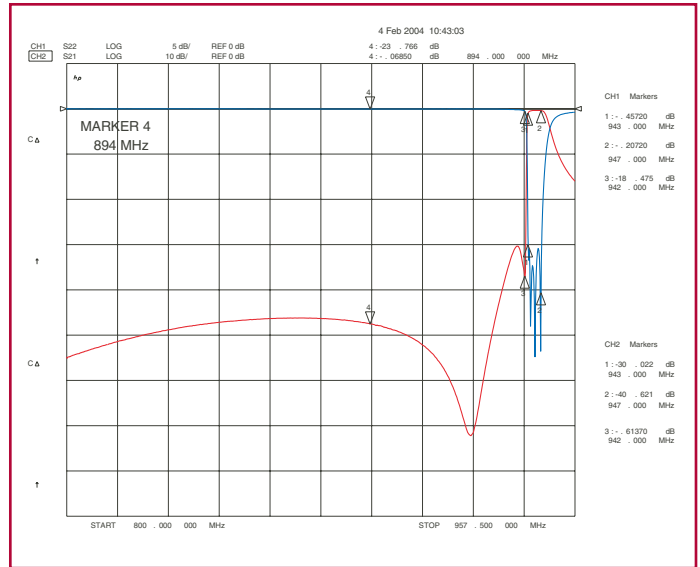
Order On-Line @ www.klmicrowave.com



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S₂₁ & S₂₂ Response - Narrowband Sweep



S₂₁ & S₂₂ Response - Wideband Sweep