

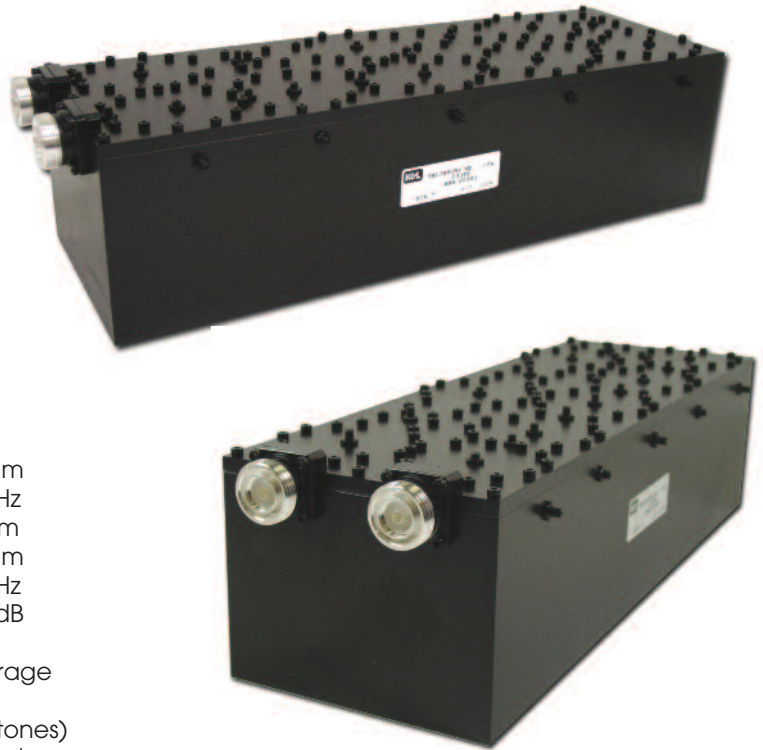
WSN-00393 (700 MHz Public Safety Notch Filter)

◆ Features:

- Elliptic response design; Sharp roll-off
- High rejection: >40 dB @ 763 – 775 MHz
- Low insertion loss: <2 dB
- Low PIM performance: <-150 dBc

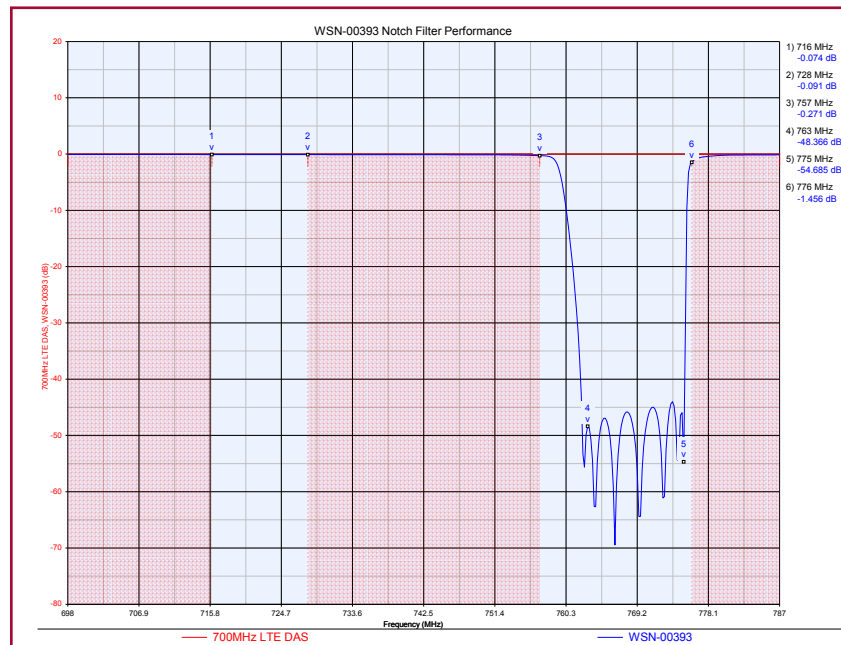
◆ Specifications:

Passband 1:	698 to 757
MHz	
Insertion Loss:	2 dB
Maximum	
Return Loss:	18 dB Minimum
Passband 2:	776 to 894 MHz
Insertion Loss:	2 dB Maximum
Return Loss:	18 dB Minimum
Notch:	763 to 775 MHz
Rejection Required:	Minimum 40 dB
Power Handling:	
CW:	50 Watts Average
Passive Intermodulation:	<-150 dBc
	(-110 dBm with 2 x 40 dBm tones)
Connectors:	7/16 DIN Female



◆ Application:

- To mitigate co-location interference concerns when 700 MHz public safety and 700 MHz commercial service channels share the same distribution network.



WSN-00393 Notch Filter Performance

WSN-00393 (700 MHz Public Safety Notch Filter)

