

Westell® | SMR Band Reject Filter

Cellular and Public Safety Applications

General Information

Westell's SMR Band Reject Filter passes frequencies between 806-816 MHz and 851-861 MHz. Frequencies outside those pass bands are rejected by 30 dB.

Frequency Range:

- 806 - 816 MHz
- 851 - 861 MHz

Product Highlights

- High reliability
- Compact, low weight
- Simple installation

Mechanical Specifications

Connector	N Female
Dimensions (in.)	6.8 x 5.6 x 2.4
Weight (lbs.)	3.85
Finish Color	Black

Electrical Specifications

	Low	High
Center Frequency	811 MHz	856 MHz
Bandwidth 1.2 dB	10 MHz Min (806-816)	10 MHz Min (851-861)
Insertion Loss	2.6 dB	2.6 dB
Ripple	1.7 dB	1.7 dB
Return Loss	17 dB	17 dB
Attenuation:	30 dB @ 600 & 804 MHz	30 dB @ 818 & 849 MHz
	30 dB @ 818 & 849 MHz	30 dB @ 863 & 1000 MHz
Input Power	10 Watts Max	
Impedance	50 Ohm	
Channel Isolation	60 dB @ 851-870 MHz	

Specifications subject to change without notice.
Please check www.westell.com for the latest specifications.



Cellular and Public Safety SMR Reject Filter, CS09-172-434

Ordering Information

Part Number	Descriptions
CS09-172-434	FLTR-10NF10-811/856 FILTER 10 MHz (806)

Sample Plot Diagram 1

