



# QAM Notch Filter EQNF-Channel-D

*The "QAM Notch Filter" is a very narrow notch network utilizing the "phase cancellation" technique pioneered by Eagle Comtronics Inc. This filter disrupts the ability of a receiver to tune a QAM carrier.*

## Application

To secure the reception of any QAM carrier where unauthorized reception may be occurring.

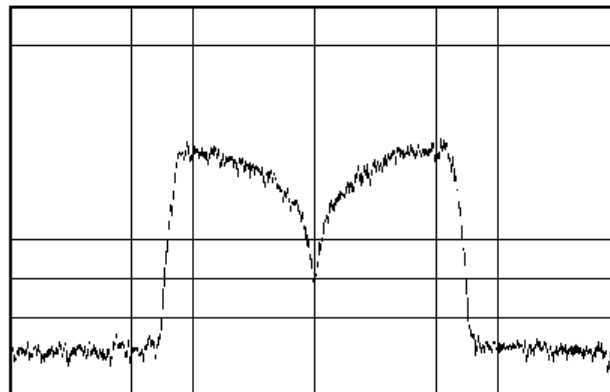


## Ordering Information

EQNF-XX-D  
XX=CHANNEL

## Specifications

EQNF-XX-D	Enter the QAM channel number between 2 and 93	
Pass Band	0.3 MHz Thru Notch Center Frequency - 12 MHz and Notch Center Frequency +12 MHz Thru 1000 MHz -3.0 dB Maximum	
Insertion Loss	QAM Notch Center	-45.0 dB Typical
	Lower QAM Channel Upper Edge	-8.0 dB Maximum
	Lower QAM Channel Lower Edge	-2.0 dB Typical
	Upper QAM Channel Lower Edge	-8.0 dB Maximum
	Upper QAM Channel Upper Edge	-2.0 Typical
Delay	Across Lower QAM Channel	<50 nSec Max
	Across Upper QAM Channel	<50 nSec Max
Rejection	45 dB minimum	
Impedance	75 Ohms	
Connectors	Type F female/male Tubular Package (1.9" Channel 2 - 62)	
Indoor/Outdoor use		



Specifications subject to change without notice.

Eagle Comtronics Inc. is a leading manufacturer of RF products. We offer many products as well as a quick response on custom request. For more information email our sales staff: [sales@eaglecomtronics.com](mailto:sales@eaglecomtronics.com) or visit our web site: [www.eaglecomtronics.com](http://www.eaglecomtronics.com)

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