



# 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.

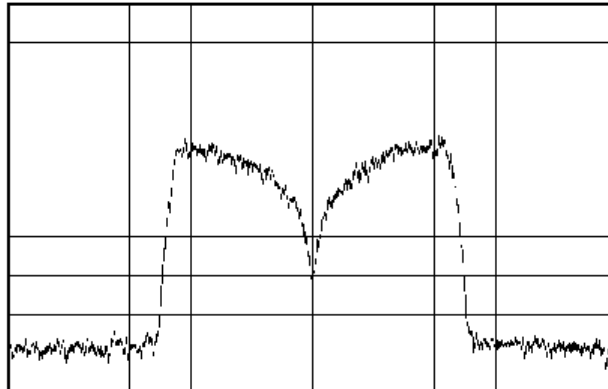


## Ordering Information

EQNF-XX-D  
XX=CHANNEL

## Specifications

<i>EQNF-XX-D</i>	<i>Enter the QAM channel number between 2 and 93</i>	
<i>Pass Band</i>	<i>0.3 MHz Thru Notch Center Frequency - 12 MHz and Notch Center Frequency +12 MHz Thru 1000 MHz -3.0 dB Maximum</i>	
<i>Insertion Loss</i>	<i>QAM Notch Center</i>	<i>-45.0 dB Typical</i>
	<i>Lower QAM Channel Upper Edge</i>	<i>-8.0 dB Maximum</i>
	<i>Lower QAM Channel Lower Edge</i>	<i>-2.0 dB Typical</i>
	<i>Upper QAM Channel Lower Edge</i>	<i>-8.0 dB Maximum</i>
	<i>Upper QAM Channel Upper Edge</i>	<i>-2.0 Typical</i>
<i>Delay</i>	<i>Across Lower QAM Channel</i>	<i>&lt;50 nSec Max</i>
	<i>Across Upper QAM Channel</i>	<i>&lt;50 nSec Max</i>
<i>Rejection</i>	<i>45 dB minimum</i>	
<i>Impedance</i>	<i>75 Ohms</i>	
<i>Connectors</i>	<i>Type F female/male Tubular Package (1.9" Channel 2 - 62) and (2.9" Channel 63 - 93)</i>	
<i>Indoor/Outdoor use</i>		



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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