

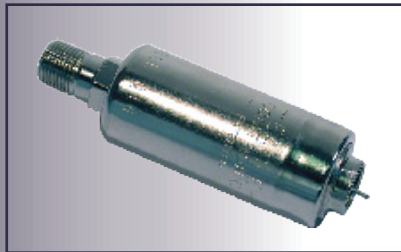
# PRODUCT RELEASE

## Eagle 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-Ch-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 +12MHz Thru 1000 MHz -3.0dB 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	45dB minimum	
Impedance	75 Ohms	
Connectors	Type F female/male Tubular Package (1.9" Channel 2 - 62) and (2.9" Channel 63 - 93)	
Indoor/Outdoor use		

