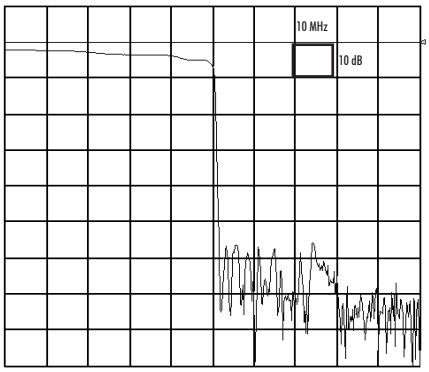
advanced media technologies®

MODEL 19128L 19128H

DIGITAL (QAM) "BRICKWALL" LOWPASS HIGHPASS FILTERS

Microwave Filter Company



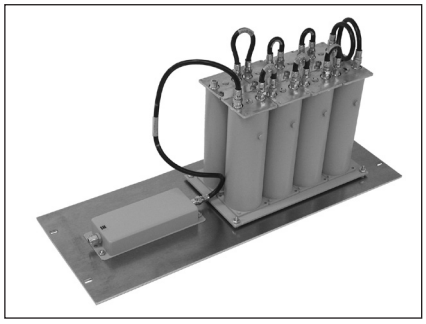
Typical frequency response of 19128L

Model 19128L – Lowpass Series
Model 19128H – Highpass Series

These filter series' consist of a combination of "brickwall" channel deletion components and lowpass (or highpass) components.

Each combination results in a "brickwall" lowpass (or highpass) filter assembly for adjacent QAM channel operation.

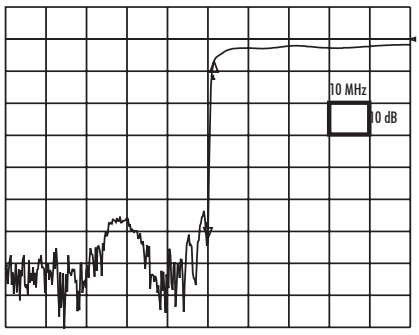
The primary application is to delete an existing group of contiguous channel programs for the purpose of reinserting new programming (i.e. – cameras, educational programming, etc.), while preserving adjacent QAM channel programming.


19128L or 19128H

Specifications:

Available Channels:	CATV Channels 2 - 158
Passband Loss:	4 - 6 dB Approx @ Passband Edge Channel
	1 - 3 dB Typ in Remainder of Passband
Passband Flatness:	3 dB Typ @ Passband Edge Channel
Group Delay Variation:	500 nS Typ @ Passband Edge Channel
Stopband Attenuation:	40 dB Min @ Stopband Edge Channel
	50 dB Typ in Remainder of Stopband
Operating Temperature Range:	+13ºC to +33ºC
Impedance:	75 ohms
Connectors:	F-female

Rack Panel (or Rack Chassis) Mounted for Indoor Use



Typical frequency response of 19128H

Ordering Information:

Lowpass

19128L-XX/YY where
XX = Passband Edge Channel
YY = Stopband Edge Channel

Highpass

19128H-XX/YY where
XX = Stopband Edge Channel
YY = Passband Edge Channel

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