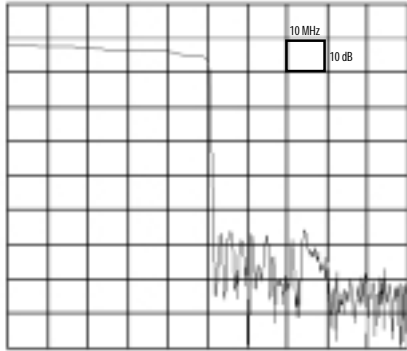
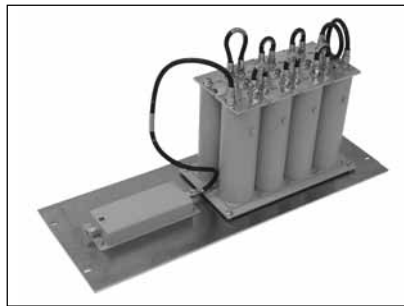


# "Brickwall" Lowpass & Highpass Filters



Typical frequency response of 6211LP



6211LP or 6211HP

## Description:

The 6211LP/HP are a series of lowpass and highpass filters that are factory assembled networks, consisting of channel deletion filters and custom designed lowpass and highpass filters. The combination results in a "brickwall" filter eliminating blocks of channels while preserving adjacent channels of interest. The primary applications include deleting blocks of channels for re-insertion purposes, while maintaining the integrity of close adjacent channels. These networks allow for maximum use of existing cable spectrum. The operating temperature for the 6211 series is from 13° C to 33° C.

Any interface channel (2-116) may be customer specified.

6211LP/HP Channels	Band Edge Insertion Loss (Max)	Stopband Rejection (Typ)
2 to 36	5.5 dB	55 dB
37 to 53	6.5 dB	55 dB
54 to 76	7.5 dB	55 dB
77 to 80	8.5 dB	55 dB
81 to 116	9.5 dB	55 dB

## Mechanical Specifications:

Baseplate Dimensions: 19" x 7" (up to channel 54)  
 19" x 10.5" (channels 55 and higher)

Connectors: 75 ohm - Type "F"

Other impedances and connectors can be supplied to order

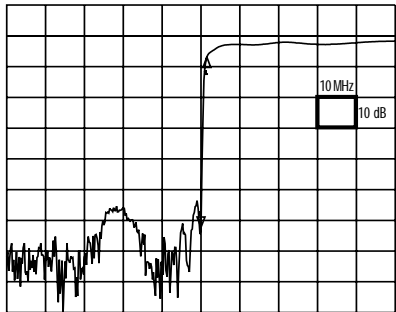
## Ordering Information:

### Lowpass

6211LP - XX/YY  
 XX = Highest channel passed  
 YY = First channel in stopband

### Highpass

6211HP - XX/YY  
 XX = Highest channel in stopband  
 YY = Lowest channel passed



Typical frequency response of 6211HP