"Brickwall" Lowpass & Highpass Filters

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.

<table>
<thead>
<tr>
<th>6211LP/HP Bands</th>
<th>Band Edge</th>
<th>Stopband</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channels</td>
<td>Insertion Loss (Max)</td>
<td>Rejection (Typ)</td>
</tr>
<tr>
<td>2 to 36</td>
<td>5.5 dB</td>
<td>55 dB</td>
</tr>
<tr>
<td>37 to 53</td>
<td>6.5 dB</td>
<td>55 dB</td>
</tr>
<tr>
<td>54 to 76</td>
<td>7.5 dB</td>
<td>55 dB</td>
</tr>
<tr>
<td>77 to 80</td>
<td>8.5 dB</td>
<td>55 dB</td>
</tr>
<tr>
<td>81 to 116</td>
<td>9.5 dB</td>
<td>55 dB</td>
</tr>
</tbody>
</table>

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

Note: In many cases these filter assemblies can be installed in 1 or 2 (RU) rack chassis configurations.

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