Single Digital Channel Bandpass Filters (Selective)

3160D Series - CATV (low) / VHF
4930D Series - CATV (high)
3278(4)D Series – CATV (higher) / UHF

These bandpass filters provide good single channel isolation - eliminating most sources of interference - while maintaining low channel insertion loss.

Applications:
* Modulator Signal Conditioning for Reinsertion of Alternate Programming
* Local DTV Signal Isolation for CATV Headend Integration

3160D Specifications:

<table>
<thead>
<tr>
<th>Available Channels</th>
<th>Channel Insertion Loss (Max.)</th>
<th>Rejection (from Channel Center)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 - 13 (CATV / VHF)</td>
<td>2.0 dB [Max.]</td>
<td>25 dB (Typ.) ± 9 MHz</td>
</tr>
<tr>
<td>14 - 36 (CATV)</td>
<td>2.0 dB [Max.]</td>
<td>25 dB (Typ.) ± 9 MHz</td>
</tr>
<tr>
<td>95 - 99 (CATV)</td>
<td>2.0 dB [Max.]</td>
<td>25 dB (Typ.) ± 9 MHz</td>
</tr>
</tbody>
</table>

3160D Mechanical Specifications:
Baseplate Dimensions: 6" x 2.25"
F-female Connectors (75 ohms)
Rack Mount Configuration – Optional
Analog Version Available Upon Request

Ordering Information:
3160D-(CH)
(CH) = Channel #

4930D & 3278(4)D Hyperband Semi-Adjacent Channel Bandpass Filters

4930D Specifications:

<table>
<thead>
<tr>
<th>Available Channels</th>
<th>Channel Insertion Loss (Max.)</th>
<th>Rejection (from Channel Center)</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 to 61 (CATV)</td>
<td>3.0 dB [Max.]</td>
<td>25 dB (Typ.) ± 9 MHz</td>
</tr>
</tbody>
</table>

4930D Mechanical Specifications:
Baseplate Dimensions: 6.6" x 2.25"
F-female Connectors (75 ohms)
Rack Mount Configuration – Optional
Analog Version Available Upon Request

Ordering Information:
4930D-(CH)
3278(4)D-(CH)
(CH) = Channel #

3278(4)D Specifications:

<table>
<thead>
<tr>
<th>Available Channels</th>
<th>Channel Insertion Loss (Max.)</th>
<th>Rejection (from Channel Center)</th>
</tr>
</thead>
<tbody>
<tr>
<td>62 to 135 (CATV)</td>
<td>3.0 dB [Max.]</td>
<td>25 dB (Typ.) ± 8 MHz</td>
</tr>
<tr>
<td>14 to 51 (UHF)</td>
<td>3.0 dB [Max.]</td>
<td>25 dB (Typ.) ± 8 MHz</td>
</tr>
</tbody>
</table>

3278(4)D Mechanical Specifications:
Baseplate Dimensions: 6.6" x 2.25"
F-female Connectors (75 ohms)
Rack Mount Configuration – Optional
Analog Version Available Upon Request

Ordering Information:
4930D-(CH)
3278(4)D-(CH)
(CH) = Channel #