The BPF Series are professional quality, VHF/FM & UHF bandpass filters. These filters provide extremely high rejection of out of band signals and adjacent channels. The BPF-A utilizes a high-Q, six-stage bandpass filter and two phase cancellation traps to provide excellent rejection of out of band signals. The BPF-D features a six pole resonator filter section and a four resonator trap circuit, providing superior rejection of the nearest adjacent carriers (upper adjacent picture and lower adjacent sound). The BPF-U passes a single UHF channel and offers excellent rejection of all channels outside the bandpass of the filter. All of these filters provide exceptional selectivity with minimum insertion loss. The BPF-A and BPF-D are housed in a single height, 1.75” high, rack mountable, aluminum chassis. The BPF-U is housed in a rugged, die-cast case that can be antenna or flat surface mounted.

Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Stock No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>BPF-A</td>
<td>4414</td>
<td>Single Channel VHF/FM Bandpass Filter 54-216 MHz</td>
</tr>
<tr>
<td>BPF-D</td>
<td>4417</td>
<td>Single Channel VHF/FM Bandpass Filter 54-300 MHz</td>
</tr>
<tr>
<td>BPF-U</td>
<td>4805</td>
<td>Single Channel UHF Bandpass Filter 470-806 MHz</td>
</tr>
</tbody>
</table>

Available through Multicom, Inc. 1076 Florida Central Parkway, Longwood, FL 32750
BPF-Z and MXF Series
Bandpass Filters

The BPF-z is a low cost, professional quality, VHF bandpass filter. This unit is designed to provide an additional level of bandpass selectivity when used in adjacent channel configurations. The BPF-z features high-Q filters and phase cancellation traps that provide excellent adjacent channel rejection. Trap adjustments can be made at the factory for improving the rejection characteristics of the filter. These adjustments are then locked in place to prevent inadvertent changes. The BPF-z is designed to work in conjunction with Blonder Tongue’s low cost Single Channel VHF Strip Amplifier (ZSCA).

Features & Benefits
• Rack Mountable - 1 EIA (1.75”) Rack Space
• Single Channel VHF Bandpass Filter
• Sharp Skirt Selectivity
• Superior Adjacent Channel Rejection

Specifications

Features & Benefits
• Modular Bandpass Filters
• VHF and FM Coverage
• Applications Include Filtered Channel Combiner and Separator

Specifications

Mechanical
Dimensions (WxHxD):
- 20.0 x 2.00 x 2.00 in.
- 51 x 51 x 51 mm
Weight:
- MXF: 0.25 lbs., 0.11 kg
- MXF-B: 4.0 lbs., 1.82 kg.

Connectors
RF Input & Output:
- MXF: “F” Type, Male
- MXF-B: “F” Type, Female

Ordering Information

Model | Stock No. | Description
--- | --- | ---
BPF-Z | 4419B | Single Channel VHF Bandpass Filter 54-216 MHz
MXF | 3437 | Modular Single Channel VHF/FM Bandpass Filter 54-216 MHz, CHANNELS: 2-6, FMA, FMB, 7-13
MXF-B | 3438 | Modular Filter, Basic Use with # 3437

Available through Multicom, Inc. 1076 Florida Central Parkway, Longwood, FL 32738