



BPF

408MHz Single-Channel Bandpass Filter



BPF

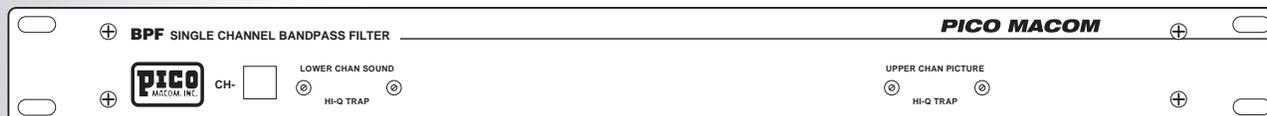
408MHz Single-Channel Bandpass Filter

- **60-Channel Range 54-408 MHz (CATV 2-54, 95-99)**
- **7-section bandpass filter design ensures sharp skirt selectivity and provides excellent picture quality**
- **Front panel adjustable Hi-Q traps provide easy field suppression of out of band carriers for increased adjacent channel performance**
- **Compact and efficient design enables single rack unit (1³/₄) height installation saving valuable rack space**
- **Adjustable bandwidths for worldwide applications**

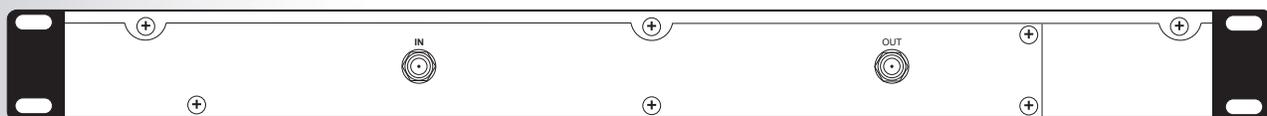
The **Pico Macom BPF** is an extremely cost and space effective professional grade single-channel bandpass filter. The **BPF** was designed to provide an additional level of bandpass filtering when used in conjunction with **Pico Macom's XBS** series of single channel amplifiers, especially in applications where undesired adjacent channels are present. The high out-of-band signal rejection eliminates cross modulation and overload distortion caused by strong adjacent carriers entering an amplifier. Unwanted images caused by dual amplifier processing of the same signal are also eliminated thereby further reducing distortions and improving picture quality. Four front panel tunable Hi-Q traps allow easy selection and suppression of adjacent carriers. The **BPF** is useful also in eliminating unwanted conversion products resulting from strong local signals entering the **Pico Macom XUV** channel converter thereby achieving cost effective drop in expansion. **Pico Macom** backs up this product with its industry leading 5-year limited warranty.

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Front View



Rear View

Specifications

Channels:	60 Channels (2-54, 95-99)										
Frequency Range:	54-408 MHz										
Bandwidth:	6 MHz										
Insertion Loss:	<table border="0"> <tr> <td>Low-band:</td> <td>5 dB maximum</td> </tr> <tr> <td>Mid-band:</td> <td>5 dB maximum</td> </tr> <tr> <td>High-band:</td> <td>7 dB maximum</td> </tr> <tr> <td>Super-band:</td> <td>7 dB maximum</td> </tr> <tr> <td>Hyper-band:</td> <td>6.5 dB maximum</td> </tr> </table>	Low-band:	5 dB maximum	Mid-band:	5 dB maximum	High-band:	7 dB maximum	Super-band:	7 dB maximum	Hyper-band:	6.5 dB maximum
Low-band:	5 dB maximum										
Mid-band:	5 dB maximum										
High-band:	7 dB maximum										
Super-band:	7 dB maximum										
Hyper-band:	6.5 dB maximum										
Impedance:	75 Ohms										
Finish:	Black matte										
Adjacent Channel Rejection:	<table border="0"> <tr> <td>Upper adj. picture:</td> <td>-40 dB</td> </tr> <tr> <td>Upper adj. sound:</td> <td>-60 dB</td> </tr> <tr> <td>Lower adj. sound:</td> <td>-40 dB</td> </tr> <tr> <td>Lower adj. picture:</td> <td>-60 dB</td> </tr> </table>	Upper adj. picture:	-40 dB	Upper adj. sound:	-60 dB	Lower adj. sound:	-40 dB	Lower adj. picture:	-60 dB		
Upper adj. picture:	-40 dB										
Upper adj. sound:	-60 dB										
Lower adj. sound:	-40 dB										
Lower adj. picture:	-60 dB										
Dimensions:	19"(L) x 3"(D) x 1 ³ / ₄ "(H)										
Weight:	3.1 lbs.										

Ordering Information

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