



# New (2 GHz) BAS Bandpass Filter

## Microwave Filter Company, Inc.

**(MFC)** introduces its new single channel bandpass filter designed for use by the **Broadcast Auxiliary Services** operating in the restructured 2 GHz band.



As you already know the (7) seven channels formerly occupying 17 MHz slots within the 1990-2110 MHz band have been reduced to 12 MHz slots within the smaller 2025.5-2109.5 MHz band.

Consequently, this has required broadcasters to change over to filters designed to accommodate these narrower operating bandwidths.

MFC's new single-channel bandpass filter, Model 15850-(Ch) offers low loss on the desired channel and it's ultra-sharp selectivity not only eliminates potential interference from out-of-band sources, such as PCS & WiFi, but also provides superior isolation from all other BAS channels, which is key in an area where other broadcasters operate. \*\*\*\* (See specifications below) \*\*\*\*

MFC has a long-standing reputation for providing filters with state-of-the-art technology, competitive pricing and fast lead times making your transition in the 2 GHz band both economical and smooth.

For more information contact our Sales Dept. by phone (800-448-1666), fax (315-463-1467) or e-mail (mfcsales@microwavefilter.com ).

### Model (15850-Ch) Bandpass Filter Specifications

BAS Channel Option :	(Ch. 1-7)
Center band (Fo) Insertion Loss :	2 dB (Typical)
Relative (1 dB) Bandwidth :	12 MHz [Min.] (Fo ± 6 MHz)
30 dB Rejection :	Fo ± 10 MHz (Typical)
40 dB Rejection :	Fo ± 12 MHz (Typical)
Size :	5.5" x 3.0" x 1.75" [Approx.]
Connectors :	N-female or SMA-female <i>(other connectors available upon request)</i>
Indoor Use	



Made in the USA

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# C-Band Interference Filters

The Model 13961 is a lightweight, low-profile C-band bandpass filter and is ideal for multifeed applications requiring side-by-side placement of filters (adequate radome clearance is required).



**Model 13961**

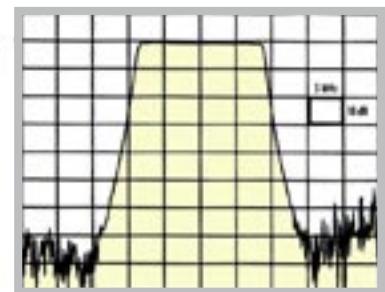
This unit virtually eliminates interference caused by navigational communications (radar) of commercial and military aircraft, as well as coastal and marine vessels operating at frequencies above and below the C-band. Since this filter operates at the C-band frequencies LNB (or LNA) saturation from these strong out-of-band signals is avoided.

## Features:

- Quick Delivery
- Lightweight, Low Profile
- Ideal for Digital Applications (Low Differential Group Delay)
- Low Insertion Loss
- High Interference Rejection
- Other Frequency Bands Available Upon Request (Including International)



Contact Microwave Filter Company to discuss your filter requirements or to request a catalog.



Typical Response Curve of 13961

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