



K&L Microwave  
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### **D2HBTM-85/165-0.5-N/N-BRI VHF Autotuned Filter**

K&L Microwave offers VHF Autotuned Filters designed specifically for military and high-end commercial applications. The VHF Autotuned filter is a high “Q” bandpass filter, which provides a narrow 3 dB BW, while covering the 85 to 165 MHz frequency band. When configured with a VHF transceiver, the device provides filtering solutions for field applications where co-location interference must be eliminated.

The filter is tuned by an RS-422 remote interface output from the transceiver. When the frequency is changed on the transceiver, the filter tunes to the new commanded frequency automatically. An internal microprocessor is used for all control functions of the filter, reducing the number of electronic and electromechanical components in the unit, while maintaining high accuracy.

The filter is packaged in a bored block aluminum housing to maximize mechanical integrity. All covers are sealed with metal impregnated gaskets, which enable the device to be moisture resistant while minimizing EMC emissions.

Design variations are also available. Please contact K & L Microwave’s factory for more details.

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