

CUSTOM AND STANDARD FILTERS

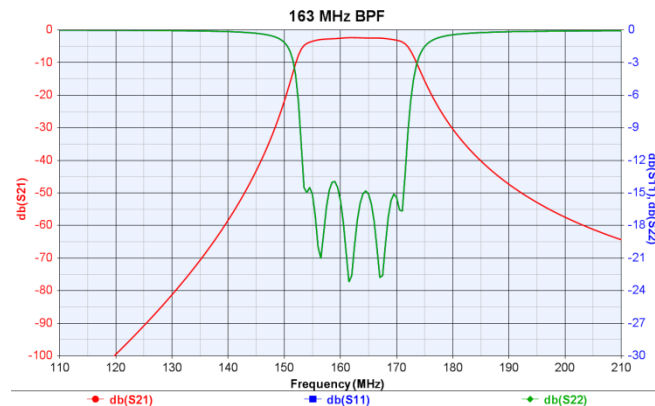


RF & Wireless Engineering

FEATURES

- Very small form factor
- Bandpass, Lowpass, Highpass, and Band Reject
- SMA connectors IN/OUT
- Standard frequencies are available with designs to 2.4 GHz
- Typical standard frequency bandwidths 1% to 40%
- Typical custom frequency range from 70 MHz to 1 GHz
- Typical 20% bandwidths for custom models
- No need to buy components, PCB, and hardware
- Low bandpass ripple and minimal insertion loss
- Good Input - Output VSWR (typical < 1.5)
- Selectable topographies for multi-pole filters
- Case dimensions of 1.0" x 0.75" x 0.5"

μ FILTER- CF™ and μ FILTER- SF™ MODELS



DESCRIPTION

NuWaves Custom and Standard Filter Design:

The μ FILTER™ models can be custom tailored to your frequency of interest or you can choose from a large selection of standard frequencies (SF) including narrowband designs that cover a wide frequency range. NuWaves offers the custom filter (CF) in 4 basic topographies, Bandpass, Low Pass, High Pass, and Band Reject.

The μ FILTER™ is designed for minimal insertion loss and bandpass ripple. The unit provides ease of use by providing the end user a means to quickly and easily change out models as needed. The compact μ FILTER™ removes the timely and costly effort of having to create a design, model a circuit, layout PCB's, buy components, assemble, and test. NuWaves' has done the work for you.

If you have other requirements, NuWaves provides state-of-the-art RF design services to customize products to your needs.

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