

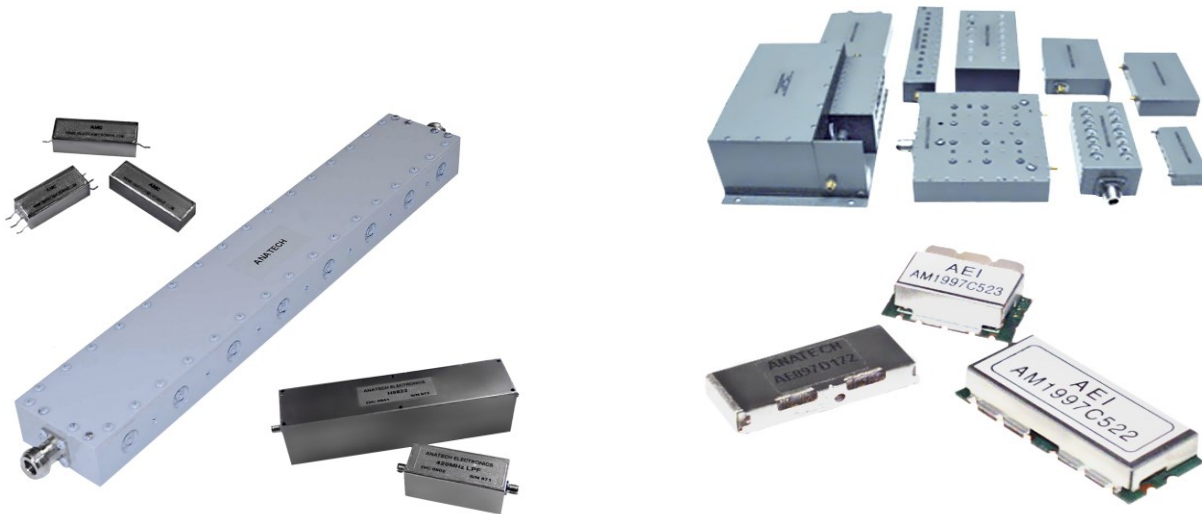


General info & Specifications to be supplied

Custom RF Filters designs

Streamline your design time while realizing significant time and cost savings with Anatech Electronics Custom designs. Our in-house expertise can be your single-source supplier for RF filters, RF Products, and cable assemblies.

We engineer and build to your specifications, meeting your timelines and quality standards. We ensures short lead times, and rapid delivery to meet your project deadline.



All our filters are fully tested, rugged to withstand tough environmental condition to meet Military and high end commercial requirements.

Products available for outdoor to IPC67 & IPC68.

Basic Specifications to be supplied to us in order to optimize a solution.

Band Pass filters: **C**enter Frequency(CF), **1**dB or 3dB Bandwidth(BW), **I**nsertion loss in BW, **R**eturn loss in BW, **R**ejection frequency & **A**ttenuation below the center frequency, **R**ejection frequency & attenuation above the center frequency, **P**ower handling, **T**ype of connectors, **P**ackage style (i.e surface mount, drop-in, PC mount etc..)

Duplexers: **C**enter Frequency(CF) in band 1, **C**enter Frequency(CF) in band 2, **1**dB or 3dB Bandwidth(BW) for band 1 & 2, **I**nsertion loss in BW, **R**eturn loss in BW, **I**solation, **P**ower handling, **T**ype of connectors, **P**ackage style (i.e surface mount, drop-in, PC mount etc..)

Low Pass filters: **C**utoff frequency, **P**assband, **I**nsertion loss in Passband, **R**eturn loss in Passband, **R**ejection frequency & **A**ttenuation above the cutoff frequency, Ultimate **R**ejection frequency & attenuation (up to what frequency a rejection is desired), **P**ower handling, **T**ype of connectors, **P**ackage style (i.e surface mount, drop-in, PC mount etc..)

High Pass filters: **C**utoff frequency, **P**assband (**cutoff frequency to desired frequency above the cutoff frequency**), **I**nsertion loss in Passband, **R**eturn loss in Passband, **R**ejection frequency & **A**ttenuation below the cutoff frequency, **P**ower handling, **T**ype of connectors, **P**ackage style (i.e surface mount, drop-in, PC mount etc..)

Integrated solutions

Our sales engineers will work closely with you and your team to find the right RF filter solution for the most demanding applications using proprietary techniques to optimize the results. Anatech Electronics uses skilled technical and support teams to design and manufacture your exact RF product.

We build cable assemblies for your unique application, prototype, assembly, testing, and manufacturing,

State-of-the-art Design techniques.

- Rugged assemblies designed to withstand harsh environmental conditions.
- All our RF filters are 100% tested.
- Uses high quality connectors
- Depending on the technology, our RF filters are Silver plated to minimize loss.
- High quality workmanship
- Simulated response plots, and technical details supplied.

What we can do for you!

1. The first step in searching for a solution is to browse thru our Standard products and see if any may just be what you're looking for, or a products that almost matches your specs except for some minor differences which we might be able to "tweak" or modify slightly in order to match your specifications.
2. If a close product cannot be found, and you have all the specifications, go to our custom products and complete a product specific custom form. Complete all the necessary information in order to optimize our solution.
3. If you don't have a complete set of specifications, and would like us to work with you in defining a set of specifications based on the application or information you can supply to us go to our General custom form or click on need it custom, and complete a text based form and give us as much info as possible to start a technical interaction.

What info we will supply.

Once the technical process is complete, we will supply you with a simulated response plot. A final performance technical data, and also create a full datasheet which includes the guaranteed specifications, a simulated response plot, outline drawing of the package.

Anatech Electronics will be with you from the initial concept of your requirement until the completion of all the technical details followed by a sales process with pricing and delivery time.

“We are what we repeatedly do. Excellence then, is not an act, but a habit”