

# 5G



Delivering your 5G C-Band Filters when you need connectivity,  
So you are always pointed in the right direction.

## 5G C-Band Interference Filters

### Our Most Popular Filters:

#### **ECB-5G Passband Range 3.820 - 4.2 GHz 5G C-Band Filter (Phase 1)**

This 5G C-Band Filter offers increased suppression below 3750 MHz for cellular frequencies, including 5G, commercial and military navigational communications (radar), as well as costal/marine vessels operating below the 5G C-Band.

#### **ECB-5G Passband Range 4.0 - 4.2 GHz 5G C-Band Filter (Phase 2)**

This 5G C-Band Filter offers increased suppression below 3880 MHz for cellular frequencies, including 5G, commercial and military navigational communications (radar), as well as costal/marine vessels operating below the 5G C-Band.



#### **Features:**

- Enhanced Low Insertion Loss
- Significantly Lower Differential Group Delay
- Increased Interference Rejections
- Extremely Lightweight and Low Profile
- Sleek Waveguide body and flanges utilize a one piece construction

#### **ECB-3942 Passband Range 3.9 - 4.2 GHz 5G C-Band Filter Enhanced**

This 5G C-Band Enhanced filter offers increased suppression below 3880 MHz. The enhanced specifications and unique design make this the best functional 5G C-Band choice for a 3.9-4.2 GHz filter.

#### **ECB-3842 Passband Range 3.8 - 4.2 GHz 5G C-Band Filter Lightweight Design**

This 5G C-Band Lightweight design filter offers superior suppression below 3750 MHz compared to competitive designs. It is housed in our sleek standard lightweight C-Band filter design.

#### **ECB-A Passband Range 3.7 - 4.2 GHz 5G C-Band Filter**

Typical suppression level of -45 dB is achieved at the lower and upper interfering frequencies, compared to the current industry level of -20 to -25 dB, making this C-Band filter the best design on the market in standard filters.

#### **ECB-C Passband Range 3.625 - 4.2 GHz 5G C-Band Filter**

This Custom filter is designed per specifications like our other ECB sleek standard filters to outperform any competitions C-Band designs.

#### **ECB-I Passband Range 3.6 - 4.2 GHz 5G C-Band Filter**

This International design shares the same outstanding build and specifications as our other Eagle USA models.

Eagle Comtronics Inc., a leading USA manufacturer of RF products for over 45 Years.  
*If you would like specifications on a specific 5G C-Band Filter or would like to Order yours today,  
Please contact us at: [CBand@eaglecomtronics.com](mailto:CBand@eaglecomtronics.com) or call 1-800-448-7474*