

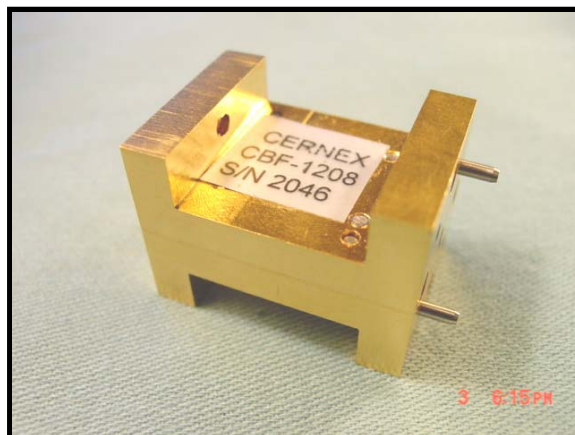
Band Pass Filters (Waveguide & Coaxial)

FEATURES:

- ❖ Frequency up to 170GHz
- ❖ Low Cost
- ❖ Low VSWR
- ❖ Narrow Bandwidths
- ❖ High Rejection Levels
- ❖ Low in-Band Insertion

APPLICATIONS:

- ❖ Side Band Filters
- ❖ Frequency Diplexers
- ❖ Telecommunications Systems



DESCRIPTION:

CBF Series

Cernex's CBF series band pass filter is primarily used for narrow band applications. Pass bands are typically from 1% to 4%. This design is well suited for frequency diplexers used in communication systems or any applications where narrow bandwidths are required. Insertion losses are typically in the 0.8 dB to 2.0 dB area depending upon rejection levels. The CBF series band pass filter can be designed from 3 to 170 GHz up to 30% bandwidths in 16 waveguide Bands. Please consult Cernex for further dimensions and specific technical data.

SPECIFICATIONS:

LC:

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFV8U11445B | 81.5-108.5 | 1.4 | * | 45@72MHz | 45@118MHz | * | * |
| CBFV9U11070B | 95.0-145.0 | 1.0 | * | 70@50MHz | 70@190MHz | * | 40.4 x 12 x 10 |
| CBFU1U13060B | 100.0 | 3.0 | * | 60@20MHz | 60@180MHz | * | * |
| CBFU1U13075B | 100.0 | 3.0 | * | 75@80MHz | 75@120MHz | * | 30 x 12 x 10 |
| CBFU1U14860B | 100.0 | 4.8 | * | 65@90MHz | 60@110MHz | * | * |
| CBFU1U12485B | 100.0 | 2.4 | * | 85@50MHz | 85@150MHz | * | 30 x 12 x 10 |
| CBFU1U13080B | 100.0 | 3.0 | * | 80@70MHz | 80@130MHz | * | 30 x 12 x 10 |
| CBFU1U12080B | 100.0 | 2.0 | * | 80@50MHz | 80@150MHz | * | 40.4 x 12 x 10 |
| CBFU1U14050B | 100.0 | 4.0 | * | 50@90MHz | 50@110MHz | * | 40.4 x 12 x 10 |
| CBFU1U13004B | 100.6 | 3.0 | * | 4@96MHz | 4@104MHz | * | 30 x 12 x 10 |
| CBFU1U11450B | 105.0-175.0 | 1.4 | * | 50@85MHz | 50@195MHz | * | 40.4 x 12 x 10 |
| CBFU1U21430B | 108.0-270.0 | 1.4 | * | 30@885MHz | 30@290MHz | * | 40.4 x 12 x 10 |
| CBFU1U16060B | 110.0 | 6.0 | * | 60@100MHz | 60@120MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU1U11450B | 112.0-168.0 | 1.4 | * | 50@92.6MHz | 65@187.6MHz | * | 40.4 x 12 x 10 |
| CBFU1U14665B | 113.5-141.5 | 4.6 | * | 65@122.5MHz | 65@152.5MHz | * | * |
| CBFU1U14513B | 115.0 | 4.5 | * | 13@110MHz | 13@120MHz | * | 40.4 x 12 x 10 |
| CBFU1U11250B | 117.5-157.5 | 1.2 | * | 65@67.5MHz | 50@207.5MHz | * | 40.4 x 12 x 10 |
| CBFU1U12860B | 120.0 | 2.8 | * | 60@900MHz | 65@150MHz | * | 30 x 12 x 10 |

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|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU1U13340B | 120.0 | 3.3 | * | 40@108MHz | 40@132MHz | * | 40.4 x 12 x 10 |
| CBFU1U16865B | 120.0 | 6.8 | * | 65@110MHz | 65@130MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU1U13570B | 120.0 | 3.5 | * | 70@80MHz | 70@160MHz | * | * |
| CBFU1U14075B | 120.0 | 4.0 | * | 75@100MHz | 75@140MHz | * | 40.4 x 12 x 10 |
| CBFU1U11560B | 120.0-180.0 | 1.5 | * | 70@90MHz | 60@210MHz | * | 40.4 x 12 x 10 |
| CBFU1U20840B | 120.0-200.0 | 0.8 | * | 40@94MHz | 40@226MHz | * | 40.4 x 12 x 10 |
| CBFU1U12645B | 124.0-156.0 | 2.6 | * | 50@110MHz | 45@170MHz | * | * |
| CBFU1U12045B | 126.5-153.5 | 2.0 | * | 45@116MHz | 45@164MHz | * | * |
| CBFU1U12855B | 127.0-153.0 | 2.8 | * | 60@110MHz | 55@170MHz | * | * |
| CBFU1U17060B | 130.0 | 7.0 | * | 60@120MHz | 60@140MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU1U14570B | 133.5-143.5 | 4.5 | * | 70@122.5MHz | 70@152.5MHz | * | * |
| CBFU1U14850B | 139.75-150.25 | 4.8 | * | 70@130MHz | 50@160MHz | * | 40.4 x 12 x 10 |
| CBFU1U17465B | 140.0 | 7.4 | * | 65@130MHz | 65@150MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU1U12240B | 144.0 | 2.2 | * | 40@114MHz | 40@174MHz | * | * |
| CBFU1U12080B | 150.0 | 2.0 | * | 80@100MHz | 80@200MHz | * | 40.4 x 12 x 10 |
| CBFU1U17460B | 150.0 | 7.4 | * | 60@140MHz | 60@160MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU1U12540B | 150.0-170.0 | 2.5 | * | 40@140MHz | 40@180MHz | * | 40.4 x 12 x 10 |
| CBFU1U12415B | 154.75-185.25 | 2.4 | * | 15@150.5MHz | 15@189.5MHz | * | 30 x 12 x 10 |
| CBFU1U12418B | 155.0-185.0 | 2.4 | * | 18@150MHz | 18@190MHz | * | 30 x 12 x 10 |
| CBFU1U13112B | 157.0-175.0 | 3.1 | * | 12@155MHz | 12@181MHz | * | 40.4 x 12 x 10 |
| CBFU1U17565B | 160.0 | 7.5 | * | 65@150MHz | 65@170MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU1U11580B | 160.0 | 1.5 | * | 80@80MHz | 80@240MHz | * | 30 x 12 x 10 |
| CBFU1U14570B | 160.0 | 4.5 | * | 70@140MHz | 70@180MHz | * | 40.4 x 12 x 10 |
| CBFU1U12060B | 160.0 | 2.0 | * | 60@110MHz | 60@210MHz | * | * |
| CBFU1U12540B | 160.0 | 2.5 | * | 40@130MHz | 40@190MHz | * | * |
| CBFU1U12028B | 160.0-180.0 | 2.0 | * | 29@150MHz | 28@190MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU1U12035B | 165.0-186.0 | 2.0 | * | 35@150MHz | 60@216MHz | * | 30 x 12 x 10 |
| CBFU1U11980B | 170.0 | 1.9 | * | 80@70MHz | 80@270MHz | * | * |
| CBFU1U21550B | 170.0-200.0 | 1.5 | * | 50@145MHz | 50@225MHz | * | 40.4 x 12 x 10 |
| CBFU1U11780B | 170.5-185.5 | 1.7 | * | 80@102MHz | 80@254MHz | * | 40.4 x 12 x 10 |
| CBFU1U16075B | 171.25 | 6.0 | * | 75@151.25MHz | 80@191.25MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU1U22315B | 174.75-205.25 | 2.3 | * | 15@170MHz | 15@210MHz | * | 30 x 12 x 10 |
| CBFU1U16575B | 175.0 | 6.5 | * | 75@205MHz | 80@245MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU1U22520B | 175.0-205.0 | 2.5 | * | 20@170MHz | 20@210MHz | * | 30 x 12 x 10 |
| CBFU1U50745B | 175.0-525.0 | 0.7 | * | 45@120MHz | 70@580MHz | * | * |
| CBFU1U11285B | 180.0 | 1.2 | * | 85@80MHz | 85@280MHz | * | 30 x 12 x 10 |
| CBFU1U22550B | 180.0-210.0 | 2.5 | * | 50@165MHz | 50@225MHz | * | 40.4 x 12 x 10 |
| CBFU1U21580B | 180.0-220.0 | 1.5 | * | 80@100MHz | 80@300MHz | * | 30 x 12 x 10 |
| CBFU1U23135B | 181.0-202.0 | 3.1 | * | 35@166MHz | 55@232MHz | * | 30 x 12 x 10 |
| CBFU1U17880B | 183.75 | 7.8 | * | 80@163.75MHz | 80@203.75MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU1U14040B | 185.0-195.0 | 4.0 | * | 40@180MHz | 40@200MHz | * | * |

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|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU1U23075B | 189.0-211.0 | 3.0 | * | 75@157.5MHz | 75@242.5MHz | * | * |
| CBFU1U21765B | 190.0-210.0 | 1.7 | * | 75@45MHz | 65@245MHz | * | 30 x 12 x 10 |
| CBFU1U22550B | 190.0-210.0 | 2.5 | * | 50@170MHz | 50@230MHz | * | 30 x 12 x 10 |
| CBFU1U13080B | 192.0 | 3.0 | * | 80@1440MHz | 80@240MHz | * | 30 x 12 x 10 |
| CBFU1U13560B | 192.0 | 3.5 | * | 60@162MHz | 60@222MHz | * | * |
| CBFU1U16428B | 192.6 | 6.4 | * | 28@185.2MHz | 30@200MHz | * | 40.4 x 12 x 10 |
| CBFU1U24265B | 194.0-206.0 | 4.2 | * | 65@180MHz | 65@220MHz | * | 40.4 x 12 x 10 |
| CBFU1U22515B | 194.75-225.25 | 2.5 | * | 15@190.5MHz | 15@229.5MHz | * | 30 x 12 x 10 |
| CBFU1U22620B | 195.0-225.0 | 2.6 | * | 20@190MHz | 20@230MHz | * | 30 x 12 x 10 |
| CBFU1U30520B | 195.0-335.0 | 0.5 | * | 20@135MHz | 30@415MHz | * | * |
| CBFU1U17075B | 196.25 | 7.0 | * | 75@176.25MHz | 75@216.25MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U21465B | 200.0 | 1.4 | * | 65@100MHz | 70@300MHz | * | 30 x 12 x 10 |
| CBFU2U22580B | 200.0 | 2.5 | * | 80@150MHz | 80@250MHz | * | 40.4 x 12 x 10 |
| CBFU2U28080B | 200.0 | 8.0 | * | 80@180MHz | 80@220MHz | * | 40.4 x 12 x 10 |
| CBFU2U22370B | 200.0 | 2.3 | * | 70@150MHz | 70@250MHz | * | * |
| CBFU2U22475B | 200.0 | 2.4 | * | 75@155MHz | 75@245MHz | * | * |
| CBFU2U23060B | 200.0 | 3.0 | * | 60@170MHz | 60@230MHz | * | * |
| CBFU2U21585B | 200.0 | 1.5 | * | 85@100MHz | 85@300MHz | * | 30 x 12 x 10 |
| CBFU2U27080B | 208.75 | 7.0 | * | 80@188.75MHz | 80@228.75MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U24040B | 209.0-231.0 | 4.0 | * | 40@180MHz | 40@220MHz | * | * |
| CBFU2U25080B | 210.0 | 5.0 | * | 80@180MHz | 80@240MHz | * | 40.4 x 12 x 10 |
| CBFU2U25060B | 212.0-228.0 | 5.0 | * | 60@200MHz | 60@240MHz | * | 40.4 x 12 x 10 |
| CBFU2U27075B | 212.5 | 7.0 | * | 75@192.5MHz | 80@232.5MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U22815B | 214.75-245.25 | 2.8 | * | 15@211MHz | 15@249MHz | * | 30 x 12 x 10 |
| CBFU2U22615B | 215.0-245.0 | 2.6 | * | 15@210MHz | 15@250MHz | * | 30 x 12 x 10 |
| CBFU2U20970B | 220.0 | 0.9 | * | 85@20MHz | 70@440MHz | * | * |
| CBFU2U26365B | 220.0 | 6.3 | * | 65@200MHz | 65@240MHz | * | * |
| CBFU2U26870B | 220.0 | 6.8 | * | 70@200MHz | 70@240MHz | * | * |
| CBFU2U21070B | 220.0 | 1.0 | * | 85@20MHz | 70@440MHz | * | * |
| CBFU2U27080B | 221.25 | 7.0 | * | 80@201.25MHz | 80@241.25MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U24555B | 221.5-248.5 | 4.5 | * | 55@223MHz | 55@257MHz | * | * |
| CBFU2U26575B | 225.0 | 6.5 | * | 75@205MHz | 75@245MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U23250B | 225.0-255.0 | 3.2 | * | 50@210MHz | 50@270MHz | * | 40.4 x 12 x 10 |
| CBFU2U23045B | 226.5-253.5 | 3.0 | * | 45@216MHz | 45@256MHz | * | * |
| CBFU2U22070B | 228.0-252.0 | 2.0 | * | 70@180MHz | 80@300MHz | * | 40.4 x 12 x 10 |
| CBFU2U28080B | 233.75 | 8.0 | * | 80@213.75MHz | 80@253.75MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U28075B | 237.5 | 8.0 | * | 75@217.5MHz | 80@257.5MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U21875B | 240.0 | 1.8 | * | 75@160MHz | 85@320MHz | * | 30 x 12 x 10 |
| CBFU2U26985B | 240.0 | 6.9 | * | 85@200MHz | 85@280MHz | * | 40.4 x 12 x 10 |
| CBFU2U22015B | 240.0 | 2.0 | * | 15@215MHz | 15@265MHz | * | * |
| CBFU2U23965B | 240.0 | 3.9 | * | 65@210MHz | 65@270MHz | * | 40.4 x 12 x 10 |

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|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU2U22015B | 240.0-260.0 | 2.0 | * | - | 15@278MHz | * | 40.4 x 12 x 10 |
| CBFU2U31842B | 240.0-320.0 | 1.8 | * | 45@220MHz | 42@340MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU2U24075B | 242.5-257.5 | 4.0 | * | 75@200MHz | 75@300MHz | * | 30 x 12 x 10 |
| CBFU2U27875B | 246.25 | 7.8 | * | 75@226.25MHz | 85@266.25MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U22475B | 250.0 | 2.4 | * | 75@200MHz | 80@300MHz | * | 40.4 x 12 x 10 |
| CBFU2U24445B | 254.0-274.0 | 4.4 | * | 55@244MHz | 45@284MHz | * | * |
| CBFU2U25045B | 257.0-271.0 | 5.0 | * | 45@250MHz | 45@278MHz | * | * |
| CBFU2U27575B | 258.75 | 7.5 | * | 75@238.75MHz | 75@278.75MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U23060B | 260.0 | 3.0 | * | 60@160MHz | 60@360MHz | * | 40.4 x 12 x 10 |
| CBFU2U33063B | 260.0-300.0 | 3.0 | * | 65@240MHz | 63@320MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU2U27580B | 262.5 | 7.5 | * | 80@242.5MHz | 80@282.5MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U23245B | 266.0-294.0 | 3.2 | * | 45@255MHz | 45@305MHz | * | * |
| CBFU2U27580B | 271.25 | 7.5 | * | 80@251.25MHz | 80@291.25MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U28075B | 275.0 | 8.0 | * | 75@255MHz | 75@295MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U23280B | 275.0 | 3.2 | * | 80@220MHz | 80@330MHz | * | 40.4 x 12 x 10 |
| CBFU2U21985B | 275.0 | 1.9 | * | 85@175MHz | 85@375MHz | * | * |
| CBFU2U21470B | 280.0 | 1.4 | * | 70@270MHz | 70@360MHz | * | 40.4 x 12 x 10 |
| CBFU2U23960B | 280.0 | 3.9 | * | 60@245MHz | 60@315MHz | * | * |
| CBFU2U35045B | 280.0-301.0 | 5.0 | * | 45@270MHz | 45@310MHz | * | 40.4 x 12 x 10 |
| CBFU2U28075B | 283.75 | 8.0 | * | 75@263.75MHz | 75@303.75MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU2U33635B | 285.0-315.0 | 3.6 | * | 35@275MHz | 35@325MHz | * | 40.4 x 12 x 10 |
| CBFU2U28075B | 287.5 | 8.0 | * | 75@267.5MHz | 75@307.5MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU3U31675B | 300.0 | 1.6 | * | 75@200MHz | 75@400MHz | * | 30 x 12 x 10 |
| CBFU3U31655B | 300.0 | 1.6 | * | 55@240MHz | 55@360MHz | * | 30 x 12 x 10 |
| CBFU3U32875B | 300.0 | 2.8 | * | 75@250MHz | 75@350MHz | * | 40.4 x 12 x 10 |
| CBFU3U34065B | 300.0 | 4.0 | * | 65@270MHz | 65@330MHz | * | 40.4 x 12 x 10 |
| CBFU3U37575B | 300.0-310.0 | 7.5 | * | 75@285MHz | 75@325MHz | * | 40.4 x 12 x 10 |
| CBFU3U35060B | 306.0-314.0 | 5.0 | * | 60@270MHz | 60@350MHz | * | 40.4 x 12 x 10 |
| CBFU3U33550B | 319.5-344.5 | 3.5 | * | 50@302MHz | 50@362MHz | * | 40.4 x 12 x 10 |
| CBFU3U33038B | 320.0 | 3.0 | * | 38@280MHz | 38@360MHz | * | * |
| CBFU3U31870B | 325.0 | 1.8 | * | 70@225MHz | 70@425MHz | * | * |
| CBFU3U33845B | 326.5-353.5 | 3.8 | * | 45@315MHz | 45@365MHz | * | 40.4 x 12 x 10 |
| CBFU3U33745B | 326.5-353.5 | 3.7 | * | 45@315MHz | 45@365MHz | * | * |
| CBFU3U31530B | 340.0 | 1.5 | * | 60@280MHz | 30@400MHz | * | * |
| CBFU3U32060B | 350.0 | 2.0 | * | 60@300MHz | 60@400MHz | * | 40.4 x 12 x 10 |
| CBFU3U35080B | 360.0 | 5.0 | * | 80@300MHz | 80@420MHz | * | 30 x 12 x 10 |
| CBFU3U34060B | 360.0 | 4.0 | * | 60@300MHz | 60@420MHz | * | * |
| CBFU3U46060B | 380.0-400.0 | 6.0 | * | 60@350MHz | 60@430MHz | * | 40.4 x 12 x 10 |
| CBFU3U42550B | 380.0-420.0 | 2.5 | * | 55@340MHz | 50@460MHz | * | * |
| CBFU3U45030B | 390.0-410.0 | 5.0 | * | 30@380MHz | 35@420MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU3U35065B | 399.0 | 5.0 | * | 65@371MHz | 65@427MHz | * | 40.4 x 12 x 10 |

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|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU4U43270B | 400.0 | 3.2 | * | 70@350MHz | 70@450MHz | * | * |
| CBFU4U42065B | 400.0 | 2.0 | * | 65@371MHz | 65@427MHz | * | 30 x 12 x 10 |
| CBFU4U43575B | 400.0 | 3.5 | * | 75@350MHz | 75@450MHz | * | 30 x 12 x 10 |
| CBFU4U42385B | 400.0 | 2.3 | * | 85@300MHz | 85@500MHz | * | 40.4 x 12 x 10 |
| CBFU4U46570B | 400.0 | 6.5 | * | 70@370MHz | 70@430MHz | * | 40.4 x 12 x 10 |
| CBFU4U43565B | 400.0 | 3.5 | * | 65@300MHz | 65@500MHz | * | * |
| CBFU4U42965B | 400.0 | 2.9 | * | 65@300MHz | 65@500MHz | * | * |
| CBFU4U45055B | 410.0 | 5.0 | * | 55@380MHz | 55@440MHz | * | 40.4 x 12 x 10 |
| CBFU4U42570B | 420.0 | 2.5 | * | 70@340MHz | 70@500MHz | * | 30 x 12 x 10 |
| CBFU4U43880B | 420.0 | 3.8 | * | 80@360MHz | 80@480MHz | * | 40.4 x 12 x 10 |
| CBFU4U60840B | 430.0-630.0 | 0.8 | * | 40@340MHz | 40@720MHz | * | 40.4 x 12 x 10 |
| CBFU4U42855B | 440.0 | 2.8 | * | 55@390MHz | 55@490MHz | * | 40.4 x 12 x 10 |
| CBFU4U45660B | 440.0-460.0 | 5.6 | * | 60@410MHz | 65@490MHz | * | 40.4 x 12 x 10 |
| CBFU4U42855B | 448.0 | 2.8 | * | 60@398MHz | 55@498MHz | * | 40.4 x 12 x 10 |
| CBFU4U43570B | 450.0 | 3.5 | * | 70@350MHz | 70@550MHz | * | * |
| CBFU4U44080B | 450.0 | 4.0 | * | 80@400MHz | 80@500MHz | * | 40.4 x 12 x 10 |
| CBFU4U53850B | 450.0-510.0 | 3.8 | * | 50@440MHz | 50@520MHz | * | * |
| CBFU4U42060B | 455.0 | 2.0 | * | 60@375MHz | 60@535MHz | * | 40.4 x 12 x 10 |
| CBFU4U53525B | 458.0-510.0 | 3.5 | * | 85@400MHz | 25@520MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU4U44875B | 480.0 | 4.8 | * | 75@420MHz | 75@540MHz | * | 40.4 x 12 x 10 |
| CBFU4U53565B | 480.0-500.0 | 3.5 | * | 65@450MHz | 65@530MHz | * | 40.4 x 12 x 10 |
| CBFU4U52890B | 490.0-510.0 | 2.8 | * | 90@400MHz | 90@600MHz | * | 40.4 x 12 x 10 |
| CBFU4U54090B | 490.0-510.0 | 4.0 | * | 90@400MHz | 90@600MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU5U52070B | 500.0 | 2.0 | * | 70@400MHz | 70@600MHz | * | 30 x 12 x 10 |
| CBFU5U52480B | 500.0 | 2.4 | * | 80@400MHz | 80@600MHz | * | 40.4 x 12 x 10 |
| CBFU5U53665B | 500.0 | 3.6 | * | 65@450MHz | 70@550MHz | * | 40.4 x 12 x 10 |
| CBFU5U53360B | 500.0 | 3.3 | * | 60@450MHz | 65@550MHz | * | 40.4 x 12 x 10 |
| CBFU5U52880B | 500.0 | 2.8 | * | 80@400MHz | 80@600MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU5U51865B | 500.0 | 1.8 | * | 65@400MHz | 65@600MHz | * | 30 x 12 x 10 |
| CBFU5U52865B | 500.0 | 2.8 | * | 65@400MHz | 75@600MHz | * | * |
| CBFU5U56840B | 500.0 | 6.8 | * | 40@480MHz | 40@520MHz | * | * |
| CBFU5U53465B | 500.0 | 3.4 | * | 65@440MHz | 70@560MHz | * | * |
| CBFU5U71040B | 500.0-750.0 | 1.0 | * | 40@435MHz | 45@815MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU5U71275B | 500.0-750.0 | 1.2 | * | 75@217.5MHz | 85@1032.5MHz | * | 40.4 x 12 x 10 |
| CBFU5U54885B | 510.0 | 4.8 | * | 85@450MHz | 85@570MHz | * | 40.4 x 12 x 10 |
| CBFU5U53260B | 512.0 | 3.2 | * | 60@462MHz | 60@562MHz | * | 40.4 x 12 x 10 |
| CBFU5U53440B | 520.0 | 3.4 | * | 40@480MHz | 40@560MHz | * | 30 x 12 x 10 |
| CBFU5U53020B | 522.0-574.0 | 3.0 | * | 45@490MHz | 20@584MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU5U55285B | 540.0 | 5.2 | * | 85@480MHz | 85@600MHz | * | 40.4 x 12 x 10 |
| CBFU5U54865B | 540.0 | 4.8 | * | 65@510MHz | 65@570MHz | * | 40.4 x 12 x 10 |
| CBFU5U54520B | 540.0 | 4.5 | * | 20@520MHz | 20@560MHz | * | 40.4 x 12 x 10 |

Band Pass Filters (Waveguide & Coaxial)

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU5U53185B | 550.0 | 3.1 | * | 85@460MHz | 85@600MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU5U53065B | 560.0 | 3.0 | * | 65@480MHz | 65@640MHz | * | * |
| CBFU5U54780B | 570.0 | 4.7 | * | 80@510MHz | 80@630MHz | * | 40.4 x 12 x 10 |
| CBFU5U53065B | 580.0 | 3.0 | * | 65@508MHz | 65@652MHz | * | 30 x 12 x 10 |
| CBFU5U63955B | 586.5-619.5 | 3.9 | * | 55@563MHz | 55@643MHz | * | 40.4 x 12 x 10 |
| CBFU6U63080B | 600.0 | 3.0 | * | 80@500MHz | 80@700MHz | * | 30 x 12 x 10 |
| CBFU6U62575B | 600.0 | 2.5 | * | 75@500MHz | 75@700MHz | * | 30 x 12 x 10 |
| CBFU6U63385B | 600.0 | 3.3 | * | 85@500MHz | 85@700MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU6U63570B | 600.0 | 3.5 | * | 70@500MHz | 70@700MHz | * | * |
| CBFU6U62860B | 600.0 | 2.8 | * | 60@500MHz | 70@700MHz | * | * |
| CBFU6U62550B | 600.0 | 2.5 | * | 50@550MHz | 50@650MHz | * | 30 x 12 x 10 |
| CBFU6U65280B | 630.0 | 5.2 | * | 80@570MHz | 80@690MHz | * | 40.4 x 12 x 10 |
| CBFU6U63380B | 640.0 | 3.3 | * | 80@550MHz | 80@730MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU6U63862B | 650.0 | 3.8 | * | 62@600MHz | 62@700MHz | * | 40.4 x 12 x 10 |
| CBFU6U73715B | 650.0-702.0 | 3.7 | * | 80@600MHz | 15@712MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU6U64690B | 660.0 | 4.6 | * | 90@600MHz | 90@720MHz | * | 40.4 x 12 x 10 |
| CBFU6U64730B | 672.0 | 4.7 | * | 30@654MHz | 30@688MHz | * | 40.4 x 12 x 10 |
| CBFU6U75045B | 685.0-715.0 | 5.0 | * | 45@662.5MHz | 45@737.5MHz | * | 40.4 x 12 x 10 |
| CBFU6U65285B | 690.0 | 5.2 | * | 85@630MHz | 85@750MHz | * | 40.4 x 12 x 10 |
| CBFU7U74060B | 700.0 | 4.0 | * | 60@650MHz | 62@750MHz | * | 40.4 x 12 x 10 |
| CBFU7U74975B | 700.0 | 4.9 | * | 75@650MHz | 75@750MHz | * | 40.4 x 12 x 10 |
| CBFU7U74085B | 700.0 | 4.0 | * | 85@600MHz | 85@800MHz | * | 50.9 x 9.5 x 9.5 |
| CBFU7U72050B | 700.0 | 2.0 | * | 50@600MHz | 50@800MHz | * | 30 x 12 x 10 |
| CBFU7U75075B | 700.0 | 5.0 | * | 75@650MHz | 75@750MHz | * | 40.4 x 12 x 10 |
| CBFU7U73580B | 700.0 | 3.5 | * | 80@600MHz | 80@800MHz | * | 40.4 x 12 x 10 |
| CBFU7U73060B | 700.0 | 3.0 | * | 60@600MHz | 70@800MHz | * | * |
| CBFU7U74045B | 720.0 | 4.0 | * | 45@680MHz | 45@760MHz | * | 40.4 x 12 x 10 |
| CBFU7U74745B | 720.0 | 4.7 | * | 45@690MHz | 45@780MHz | * | 40.4 x 12 x 10 |
| CBFU7U73780B | 720.0 | 3.7 | * | 80@680MHz | 80@760MHz | * | 40.4 x 12 x 10 |
| CBFU7U73980B | 730.0 | 3.9 | * | 80@640MHz | 80@820MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU7U81545B | 733.0-836.0 | 1.5 | * | 45@648MHz | 50@984MHz | * | 30 x 12 x 10 |
| CBFU7U74565B | 750.0 | 4.5 | * | 65@700MHz | 70@800MHz | * | 40.4 x 12 x 10 |
| CBFU7U76145B | 750.0 | 6.1 | * | 45@720MHz | 45@780MHz | * | 40.4 x 12 x 10 |
| CBFU7U73570B | 770.0 | 3.5 | * | 70@690MHz | 70@850MHz | * | 30 x 12 x 10 |
| CBFU7U74240B | 784.0 | 4.2 | * | 40@744MHz | 40@824MHz | * | 40.4 x 12 x 10 |
| CBFU8U84055B | 800.0 | 4.0 | * | 55@700MHz | 55@900MHz | * | * |
| CBFU8U84980B | 800.0 | 4.9 | * | 80@740MHz | 80@860MHz | * | 40.4 x 12 x 10 |
| CBFU8U84080B | 800.0 | 4.0 | * | 80@700MHz | 80@900MHz | * | 30 x 12 x 10 |
| CBFU8U81560B | 805.7 | 1.5 | * | 60@635MHz | 60@923MHz | * | 30 x 12 x 10 |
| CBFU8U81650H | 825.0-830.0 | 1.6 | * | 50@815MHz | 50@840MHz | 100 | 144 x 74 x 47 |
| CBFU8U81590S | 825.0-835.0 | 1.5 | 0.5 | 90@870MHz | 90@880MHz | 20 | 140 x 64 x 26 |

Band Pass Filters (Waveguide & Coaxial)

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU8U81960H | 825.0-835.0 | 1.9 | 0.8 | 60@870MHz | 60@880MHz | 100 | 140 x 62 x 36 |
| CBFU8U83544S | 825.0-835.0 | 3.5 | 1.2 | 44@817.5MHz | 44@842.5MHz | * | 184 x 51 x 68 |
| CBFU8U80680S | 825.0-881.0 | 0.6 | 0.5 | 80@909MHz | 80@960MHz | * | 160 x 82 x 51 |
| CBFU8U83980B | 830.0 | 3.9 | * | 80@740MHz | 80@920MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU8U85065B | 850.0 | 5.0 | * | 65@800MHz | 65@900MHz | * | 40.4 x 12 x 10 |
| CBFU8U83360B | 850.0 | 3.3 | * | 60@780MHz | 60@920MHz | * | 40.4 x 12 x 10 |
| CBFU8U81690H | 870.0-875.0 | 1.6 | * | 90@825MHz | 90@835MHz | 100 | 144 x 74 x 47 |
| CBFU8U81590S | 870.0-880.0 | 1.5 | 0.5 | 90@825MHz | 90@835MHz | 20 | 140 x 64 x 26 |
| CBFU8U81960H | 870.0-880.0 | 1.9 | 0.8 | 60@825MHz | 60@835MHz | 100 | 140 x 62 x 36 |
| CBFU8U83512S | 870.0-880.0 | 3.5 | 1.2 | 44@862.5MHz | 44@887.5MHz | * | 184 x 51 x 68 |
| CBFU8U91230H | 890.0-909.0 | 1.2 | 0.4 | 30@870MHz | 30@919MHz | 50 | 185 x 50 x 26 |
| CBFU8U91530S | 890.0-909.0 | 1.5 | 0.6 | 60@835MHz | 30@920MHz | * | 111 x 62 x 40 |
| CBFU8U91230H | 890.0-915.0 | 1.2 | 0.4 | 30@870MHz | 30@925MHz | 100 | 185 x 50 x 26 |
| CBFU8U91590S | 890.0-915.0 | 1.5 | 0.5 | 90@935MHz | 90@960MHz | * | 116 x 60 x 40 |
| CBFU9U92560B | 900.0 | 2.5 | * | 60@800MHz | 60@1000MHz | * | 30 x 12 x 10 |
| CBFU9U94580B | 900.0 | 4.5 | * | 80@800MHz | 80@1000MHz | * | 30 x 12 x 10 |
| CBFU9U95975B | 900.0 | 5.9 | * | 75@850MHz | 75@950MHz | * | 40.4 x 12 x 10 |
| CBFU9U99370B | 900.0 | 9.3 | * | 70@870MHz | 75@930MHz | * | 40.4 x 12 x 10 |
| CBFU9U93070B | 900.0 | 3.0 | * | 70@800MHz | 80@1000MHz | * | 40.4 x 12 x 10 |
| CBFU9U91230H | 909.0-915.0 | 1.2 | 0.4 | 30@899MHz | 30@935MHz | 100 | 185 x 50 x 26 |
| CBFU9U91890S | 909.0-915.0 | 1.8 | 0.6 | 90@954MHz | 90@960MHz | 50 | 140 x 64 x 26 |
| CBFU9U90680S | 909.0-960.0 | 0.6 | 0.5 | 80@824MHz | 80@880MHz | * | 160 x 82 x 51 |
| CBFU9U94485B | 920.0 | 4.4 | * | 85@830MHz | 85@1010MHz | * | 40.4 x 9.5 x 9.5 |
| CBFU9U93070B | 920.0-940.0 | 3.0 | * | 70@800MHz | 80@1000MHz | * | 40.4 x 12 x 10 |
| CBFU9U92550B | 930.0-990.0 | 2.5 | * | 55@860MHz | 50@1060MHz | * | * |
| CBFU9U91230H | 935.0-954.0 | 1.2 | 0.4 | 30@915MHz | 30@964MHz | 100 | 185 x 50 x 26 |
| CBFU9U91530S | 935.0-954.0 | 1.5 | 0.6 | 30@910MHz | 60@1000MHz | * | 116 x 60 x 40 |
| CBFU9U91590S | 935.0-960.0 | 1.5 | 0.5 | 90@890MHz | 90@915MHz | * | 116 x 60 x 40 |
| CBFU9U93850B | 935.0-985.0 | 3.8 | * | 50@900MHz | 50@1000MHz | * | 30 x 12 x 10 |
| CBFU9U95585B | 945.0-975.0 | 5.5 | * | 85@880MHz | 85@1040MHz | * | 40.4 x 12 x 10 |
| CBFU9U91890S | 954.0-960.0 | 1.8 | 0.6 | 90@909MHz | 90@915MHz | 50 | 140 x 64 x 26 |
| CBFU9U93540B | 960.0 | 3.5 | * | 40@900MHz | 40@1020MHz | * | 30 x 12 x 10 |
| CBFU9U93580B | 970.0 | 3.5 | * | 80@850MHz | 80@1090MHz | * | 30 x 12 x 10 |
| CBFU9014385B | 980.0-1020.0 | 4.3 | * | 85@900MHz | 85@1100MHz | * | 40.4 x 12 x 10 |
| CBF01013880B | 1000.0 | 3.8 | * | 80@900MHz | 80@1100MHz | * | 30 x 12 x 10 |
| CBF01012050B | 1000.0 | 2.0 | * | 50@900MHz | 50@1100MHz | * | 30 x 12 x 10 |
| CBF01013065B | 1000.0 | 3.0 | * | 65@900MHz | 65@1100MHz | * | 30 x 12 x 10 |
| CBF01013880B | 1000.0 | 3.8 | * | 80@900MHz | 85@1100MHz | * | 40.4 x 12 x 10 |
| CBF01012860B | 1000.0 | 2.8 | * | 60@900MHz | 60@1100MHz | * | 40.4 x 12 x 10 |
| CBF01015080B | 1000.0 | 5.0 | * | 80@900MHz | 80@1100MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01013470B | 1000.0 | 3.4 | * | 70@900MHz | 80@1100MHz | * | 40.4 x 12 x 10 |

Band Pass Filters (Waveguide & Coaxial)

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBF01012045B | 1000.0 | 2.0 | * | 45@900MHz | 50@1100MHz | * | 30 x 12 x 10 |
| CBF01012068B | 1000.0 | 2.0 | * | 70@800MHz | 68@1200MHz | * | 30 x 12 x 10 |
| CBF01014470B | 1000.0 | 4.4 | * | 70@930MHz | 70@1030MHz | * | 40.4 x 12 x 10 |
| CBF01012960B | 1006.0 | 2.9 | * | 60@906MHz | 60@1106MHz | * | 40.4 x 12 x 10 |
| CBF01013750B | 1015.0-1045.0 | 3.7 | * | 50@965MHz | 50@1095MHz | * | 40.4 x 12 x 10 |
| CBF01012750B | 1024.0 | 2.7 | * | 50@924MHz | 60@1124MHz | * | 40.4 x 12 x 10 |
| CBF01015060B | 1050.0 | 5.0 | * | 60@990MHz | 60@1110MHz | * | 40.4 x 12 x 10 |
| CBF01017080B | 1080.0 | 7.0 | * | 80@1000MHz | 80@1160MHz | * | 40.4 x 12 x 10 |
| CBF01013365B | 1092.0 | 3.3 | * | 65@992MHz | 70@1192MHz | * | 40.4 x 12 x 10 |
| CBF01020740B | 1100.0-2150.0 | 0.7 | * | 40@980MHz | 40@2270MHz | * | * |
| CBF01014280B | 1170.0 | 4.2 | * | 80@1070MHz | 80@1270MHz | * | 30 x 12 x 10 |
| CBF01033065B | 1195.0-1325.0 | 3.0 | * | 65@1110MHz | 65@1410MHz | * | * |
| CBF01013775B | 1200.0 | 3.7 | * | 75@1100MHz | 75@1300MHz | * | 30 x 12 x 10 |
| CBF01012545B | 1200.0 | 2.5 | * | 45@1100MHz | 45@1300MHz | * | 30 x 12 x 10 |
| CBF01012850B | 1200.0 | 2.8 | * | 50@1100MHz | 50@1300MHz | * | 30 x 12 x 10 |
| CBF01015875B | 1200.0 | 5.8 | * | 75@1100MHz | 75@1300MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01013675B | 1200.0 | 3.6 | * | 75@1100MHz | 75@1300MHz | * | 40.4 x 12 x 10 |
| CBF01013075B | 1230.0 | 3.0 | * | 75@1158MHz | 85@2000MHz | * | 30 x 12 x 10 |
| CBF01015255B | 1237.5-1282.5 | 5.2 | * | 55@1200MHz | 55@1320MHz | * | * |
| CBF01018085B | 1260.0 | 8.0 | * | 85@1200MHz | 85@1320MHz | * | * |
| CBF01016085B | 1280.0 | 6.0 | * | 85@1200MHz | 85@1360MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01010540B | 1300.0 | 0.5 | * | 55@700MHz | 40@1900MHz | * | 30 x 12 x 10 |
| CBF01012850B | 1300.0 | 2.8 | * | 50@1200MHz | 50@1400MHz | * | 30 x 12 x 10 |
| CBF01014555B | 1315.0-1345.0 | 4.5 | * | 60@1230MHz | 55@1430MHz | * | 40.4 x 12 x 10 |
| CBF01016565B | 1340.0 | 6.5 | * | 70@1280MHz | 65@1400MHz | * | 40.4 x 12 x 10 |
| CBF01014055B | 1350.8-1420.8 | 4.0 | * | 60@1300MHz | 55@1472MHz | * | 40.4 x 12 x 10 |
| CBF01011635B | 1350.0-1650.0 | 1.6 | * | 40@1270MHz | 35@1730MHz | * | * |
| CBF01016860B | 1360.0 | 6.8 | * | 80@1280MHz | 60@1420MHz | * | 40.4 x 12 x 10 |
| CBF01017050B | 1385.0-1415.0 | 7.0 | * | 50@1355MHz | 50@1445MHz | * | 40.4 x 12 x 10 |
| CBF01011845B | 1385.0-1555.0 | 1.8 | * | 45@1330MHz | 45@1610MHz | * | 40.4 x 12 x 10 |
| CBF01011985B | 1400.0-1600.0 | 1.9 | * | 85@1100MHz | 85@1900MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01012860B | 1420.0-1520.0 | 2.8 | * | 60@1335MHz | 60@1605MHz | * | 30 x 12 x 10 |
| CBF01016585B | 1440.0 | 6.5 | * | 85@1360MHz | 85@1520MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01014870B | 1470.0 | 4.8 | * | 70@1380MHz | 70@1560MHz | * | 40.4 x 9.5 x 9.5 |
| CBF01014065B | 1500.0 | 4.0 | * | 65@1400MHz | 65@1600MHz | * | 40.4 x 12 x 10 |
| CBF01013350B | 1500.0 | 3.3 | * | 50@1400MHz | 50@1600MHz | * | 30 x 12 x 10 |
| CBF01014255B | 1510.0 | 4.2 | * | 60@1300MHz | 55@1720MHz | * | 40.4 x 12 x 10 |
| CBF01016485B | 1520.0 | 6.4 | * | 85@1400MHz | 85@1600MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01012450B | 1555.0-1725.0 | 2.4 | * | 50@1440MHz | 55@1880MHz | * | * |
| CBF01014770B | 1560.0 | 4.7 | * | 70@1470MHz | 70@1650MHz | * | 40.4 x 9.5 x 9.5 |
| CBF01013050B | 1595.0-1625.0 | 3.0 | * | 55@1480MHz | 50@1740MHz | * | 40.4 x 12 x 10 |

Band Pass Filters (Waveguide & Coaxial)

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|---------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBF01012560B | 1600.0 | 2.5 | * | 65@1400MHz | 60@1800MHz | * | 40.4 x 12 x 10 |
| CBF01017585B | 1600.0 | 7.5 | * | 85@1520MHz | 85@1680MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01014860B | 1600.0 | 4.8 | * | 60@1500MHz | 60@1700MHz | * | 40.4 x 12 x 10 |
| CBF01018865B | 1600.0 | 8.8 | * | 65@1500MHz | 65@1700MHz | * | 40.4 x 12 x 10 |
| CBF01011875B | 1600.0-1800.0 | 1.8 | * | 75@1300MHz | 75@2100MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01014870B | 1650.0 | 4.8 | * | 70@1560MHz | 70@1740MHz | * | 40.4 x 9.5 x 9.5 |
| CBF01017585B | 1680.0 | 7.5 | * | 85@1600MHz | 85@1760MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01015545B | 1680.0 | 5.5 | * | 45@1620MHz | 45@1740MHz | * | 30 x 12 x 10 |
| CBF01014565B | 1700.0 | 4.5 | * | 65@1600MHz | 65@1800MHz | * | 30 x 12 x 10 |
| CBF01013850B | 1700.0 | 3.8 | * | 50@1600MHz | 50@1800MHz | * | 30 x 12 x 10 |
| CBF01014050B | 1700.0 | 4.0 | * | 55@1600MHz | 50@1800MHz | * | 40.4 x 12 x 10 |
| CBF01015370B | 1700.0 | 5.3 | * | 70@1600MHz | 70@1800MHz | * | 40.4 x 12 x 10 |
| CBF01012095S | 1710.0-1755.0 | 2.0 | 1.0 | 95@1685MHz | 95@1780MHz | 100 | 136 x 88 x 31 |
| CBF01012075S1 | 1710.0-1785.0 | 2.0 | 1.2 | 75@1690MHz | 75@1805MHz | 100 | 136 x 88 x 31 |
| CBF01012040H | 1712.5-1737.5 | 2.0 | * | 40@1702.5MHz | 40@1747.5MHz | 100 | 172 x 80 x 24.1 |
| CBF01014935B | 1740.0 | 4.9 | * | 50@1300MHz | 35@1830MHz | * | 40.4 x 9.5 x 9.5 |
| CBF01018085B | 1760.0 | 8.0 | * | 85@1680MHz | 85@1840MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01022185B | 1800.0-2000.0 | 2.1 | * | 85@1500MHz | 85@2300MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01012095S | 1805.0-1850.0 | 2.0 | 1.0 | 95@1780MHz | 95@1875MHz | 100 | 136 x 88 x 31 |
| CBF01012075S2 | 1805.0-1880.0 | 2.0 | 1.2 | 75@1785MHz | 75@1900MHz | 100 | 136 x 88 x 31 |
| CBF01012040H | 1807.5-1832.5 | 2.0 | - | 40@1797.5MHz | 40@1842.5MHz | 100 | 172 x 80 x 24.1 |
| CBF01012740B | 1817.7-1847.7 | 2.7 | - | 40@1732.7MHz | 40@1932.7MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01018075B | 1840.0 | 8.0 | - | 80@1760MHz | 75@1920MHz | * | 50.9 x 9.5 x 9.5 |
| CBF01010950H | 1880.0-1920.0 | 0.9 | - | 50@1800MHz | 60@2000MHz | * | 66 x 46 x 29 |
| CBF01011380S | 1900.0-1910.0 | 1.3 | 0.6 | 80@1GHz | 80@3GHz | * | 148 x 100 x 31 |
| CBF01011330S | 1900.0-1915.0 | 1.3 | 0.5 | 30@1880MHz | 30@1930MHz | * | 94 x 38 x 22 |
| CBF01011480S | 1920-1980 | 1.4 | 0.7 | 80@1750MHz | 80@2.17GHz | 50 | 100 x 56 x 27 |
| CBF01011865B | 1950.0 | 1.8 | * | 65@1600MHz | 65@2300MHz | * | 40.4 x 12 x 10 |
| CBF02021985B | 2000.0 | 1.9 | * | 85@1000MHz | 85@3000MHz | * | 40.4 x 12 x 10 |
| CBF02022860B | 2000.0 | 2.8 | * | 60@1800MHz | 60@2200MHz | * | 40.4 x 12 x 10 |
| CBF02027680B | 2000.0 | 7.6 | * | 80@1875MHz | 80@2125MHz | * | 40.4 x 12 x 10 |
| CBF02027645B | 2040.0 | 7.6 | * | 45@1980MHz | 45@2100MHz | * | 30 x 12 x 10 |
| CBF02027280B | 2040.0 | 7.2 | * | 80@1940MHz | 80@2140MHz | * | 40.4 x 12 x 10 |
| CBF02027065B | 2080.0 | 7.0 | * | 65@2000MHz | 65@2160MHz | * | 50.9 x 9.5 x 9.5 |
| CBF02027350B | 2100.0 | 7.3 | * | 50@2030MHz | 53@2170MHz | * | 30 x 12 x 10 |
| CBF02021480S | 2110.0-2170.0 | 1.4 | 0.7 | 80@1750MHz | 80@2.4GHz | 50 | 100 x 56 x 27 |
| CBF02027785B | 2160.0 | 7.7 | * | 85@2060MHz | 85@2260MHz | * | 40.4 x 12 x 10 |
| CBF02025085B | 2200.0 | 5.0 | * | 85@2000MHz | 85@2400MHz | * | 50.9 x 9.5 x 9.5 |
| CBF02027585B | 2280.0 | 7.5 | * | 85@2180MHz | 85@2380MHz | * | 40.4 x 12 x 10 |
| CBF02022060B | 2280.0-2580.0 | 2.0 | * | 60@2100MHz | 60@2800MHz | * | 40.4 x 12 x 10 |
| CBF02026770B | 2285.0-2315.0 | 6.7 | * | 70@2200MHz | 70@2400MHz | * | 40.4 x 12 x 10 |

Band Pass Filters (Waveguide & Coaxial)

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBF02028980B | 2300.0 | 8.9 | * | 80@2200MHz | 80@2400MHz | * | 40.4 x 12 x 10 |
| CBF02021030B | 2350.0 | 1.0 | * | 30@1500MHz | 50@3500MHz | * | 40.4 x 12 x 10 |
| CBF02027380B | 2385.0-2415.0 | 7.3 | * | 80@2300MHz | 80@2500MHz | * | 40.4 x 12 x 10 |
| CBF02028880B | 2400.0 | 8.8 | * | 80@2300MHz | 80@2500MHz | * | 40.4 x 12 x 10 |
| CBF02025580B | 2400.0 | 5.5 | * | 80@2200MHz | 85@2600MHz | * | 50.9 x 9.5 x 9.5 |
| CBF02023060S | 2437.0 | 3.0 | 0.25 | 60@2412MHz | 60@2462MHz | * | 108 x 56 x 21 |
| CBF02022875B | 2432.0-2632.0 | 2.8 | * | 80@2132MHz | 75@2932MHz | * | 40.4 x 9.5 x 9.5 |
| CBF02028480B | 2485.0-2515.0 | 8.4 | * | 80@2400MHz | 80@2600MHz | * | 40.4 x 12 x 10 |
| CBF02029085B | 2500.0 | 9.0 | * | 85@2400MHz | 85@2600MHz | * | 40.4 x 12 x 10 |
| CBF02028580B | 2585.0-2615.0 | 8.5 | * | 80@2500MHz | 80@2700MHz | * | 40.4 x 12 x 10 |
| CBF02022065B | 2590.0-2930.0 | 2.0 | * | 65@2240MHz | 65@3280MHz | * | 40.4 x 12 x 10 |
| CBF02028780B | 2600.0 | 8.7 | * | 80@2500MHz | 80@2700MHz | * | 40.4 x 12 x 10 |
| CBF02024060B | 2600.0 | 4.0 | * | 60@2400MHz | 60@2800MHz | * | 40.4 x 12 x 10 |
| CBF02025085B | 2600.0 | 5.0 | * | 85@2400MHz | 85@2800MHz | * | 50.9 x 9.5 x 9.5 |
| CBF02022875B | 2750.0 | 2.8 | * | 75@2400MHz | 75@3100MHz | * | 40.4 x 12 x 10 |
| CBF02025175B | 2762.5-2837.5 | 5.1 | * | 75@2600MHz | 75@3000MHz | * | 30 x 12 x 10 |
| CBF02026075B | 2800.0 | 6.0 | * | 75@2600MHz | 80@3000MHz | * | 50.9 x 9.5 x 9.5 |
| CBF02023175B | 2800.0 | 3.1 | * | 75@2400MHz | 75@3200MHz | * | 40.4 x 12 x 10 |
| CBF02023360B | 2800.0 | 3.3 | * | 60@2600MHz | 60@3000MHz | * | 40.4 x 12 x 10 |
| CBF02023074B | 2950.0 | 3.0 | * | 74@2600MHz | 74@3300MHz | * | 40.4 x 12 x 10 |
| CBF03034080B | 3000.0 | 4.0 | * | 80@2600MHz | 80@3400MHz | * | 40.4 x 12 x 10 |
| CBF03036485B | 3000.0 | 6.4 | * | 85@2800MHz | 85@3200MHz | * | 40.4 x 12 x 10 |
| CBF03036885B | 3400.0 | 6.8 | * | 85@3200MHz | 85@3600MHz | * | 50.9 x 9.5 x 9.5 |
| CBF03035075B | 3600.0 | 5.0 | * | 75@3000MHz | 75@4200MHz | * | 40.4 x 12 x 10 |
| CBF03037090B | 3600.0 | 7.0 | * | 90@3400MHz | 90@3800MHz | * | 50.9 x 9.5 x 9.5 |
| CBF03037080B | 3800.0 | 7.0 | * | 80@3600MHz | 80@4000MHz | * | 50.9 x 9.5 x 9.5 |
| CBF04044270B | 4000.0-4200.0 | 4.2 | * | 70@3700MHz | 70@4500MHz | * | 50.9 x 9.5 x 9.5 |
| CBF04044270B | 4200.0-4400.0 | 4.2 | * | 70@3900MHz | 70@4700MHz | * | 50.9 x 9.5 x 9.5 |

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

Cavity:

| Model Number | Frequency Range (GHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|----------------|
| CBFU4U41565B | 0.487-0.497 (-3dB) | 1.5 | * | 65@0.472GHz | 65@0.512GHz | * | 150 x 154 x 25 |
| CBFU6U71565Y | 0.600-0.707 | 1.5 | * | 65@0.534GHz | 65@0.774GHz | * | 149 x 21 x 40 |
| CBFU7U81565Y | 0.774-0.881 | 1.5 | * | 65@0.708GHz | 65@0.948GHz | * | 149 x 21 x 40 |
| CBFU9U92060Y | 0.912-0.922 | 2.0 | * | 60@0.890GHz | 60@0.958GHz | * | 100 x 70 x 38 |
| CBF01011030Y | 1.150-1.250 | 1.0 | * | 30@1.060GHz | 30@1.340GHz | * | 73 x 15 x 40 |

Band Pass Filters (Waveguide & Coaxial)

| Model Number | Frequency Range (GHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBF01011065Y | 1.465-1.610 | 1.0 | * | 65@1.353GHz | 65@1.723GHz | * | 105 x 16 x 39 |
| CBF01011365Y | 1.715-1.860 | 1.3 | * | 65@1.603GHz | 65@1.973GHz | * | 105 x 16 x 39 |
| CBF01011040Y | 1.530-1.600 | 1.0 | * | 40@1.380GHz | 40@1.750GHz | * | 61 x 37 x 17 |
| CBF02022545Y | 2.195-2.305 | 2.5 | * | 45@2.160GHz | 45@2.330GHz | * | 48 x 48 x 32 |
| CBF02022550Y | 2.295-2.405 | 2.5 | * | 50@2.260GHz | 50@2.440GHz | * | 48 x 48 x 32 |
| CBF03033560B | 3.22-3.24 (-3dB) | 3.5 | * | 60@3.2GHz | 60@3.26GHz | * | 82 x 20.5 x 12.5 |
| CBF03031040Y | 3.700-3.790 | 1.0 | * | 40@3.520GHz | 40@3.970GHz | * | 65 x 23 x 22 |
| CBF03041350B | 3.93-4.272 (-3dB) | 1.3 | * | 50@3.859GHz | 50@4.343GHz | * | 92 x 18 x 10 |
| CBF04041060Y | 4.075-4.125 | 1.0 | * | 60@3.900GHz | 60@4.300GHz | * | 80 x 14 x 32 |
| CBF04041075Y | 4.225-4.425 | 1.0 | * | 75@3.800GHz | 75@4.800GHz | * | 55 x 8 x 18 |
| CBF04041565Y | 4.600-4.800 | 1.5 | * | 65@4.300GHz | 65@5.100GHz | * | 55 x 8 x 18 |
| CBF04051275B | 4.9-5.1 (-3dB) | 1.2 | * | 75@4.5GHz | 75@5.5GHz | * | 64 x 17 x 10.5 |
| CBF05051565Y | 5.200-5.400 | 1.5 | * | 65@4.9GHz | 65@5.7GHz | * | 55 x 8 x 18 |
| CBF05050575B | 5.4-5.6 (-3dB) | 0.5 | * | 75@5GHz | 80@6GHz | * | 64 x 17 x 10.5 |
| CBF05061085B | 5.68-6.22 (-3dB) | 1.0 | * | 85@5.29GHz | 85@6.8GHz | * | 76 x 16 x 9 |
| CBF05061565Y | 5.800-6.000 | 15 | * | 65@5.5GHz | 65@6.3GHz | * | 55 x 8 x 18 |
| CBF06063580B | 6.49-6.51 (-3dB) | 3.5 | * | 80@6.4GHz | 80@6.6GHz | * | 67 x 15 x 11.5 |
| CBF06070885B | 6.56-7.1 (-3dB) | 0.8 | * | 85@6.19GHz | 85@7.4GHz | * | 79 x 15 x 9 |
| CBF06081070Y | 6.560-8.240 | 1.0 | * | 70@5.4GHz | 70@9.1GHz | * | 78 x 11 x 20 |
| CBF06062080B | 6.785-6.855 (-3dB) | 2.0 | * | 80@6.5GHz | 80@7.1GHz | * | 67 x 15 x 11.5 |
| CBF08101075B | 8.0-10.4 (-3dB) | 1.0 | * | 75@7.5GHz | 80@10.9GHz | * | 91 x 13 x 10 |
| CBF09092250B | 9.16-9.21 (-3dB) | 2.2 | * | 60@9.36GHz | 50@9.35GHz | * | 43 x 14 x 10.5 |
| CBF09103770B | 9.72-10.36 (-3dB) | 3.7 | * | 70@9.59GHz | 70@10.49GHz | * | 136 x 15 x 9 |
| CBF09102560B | 9.95-10.05 (-3dB) | 2.5 | * | 60@9.5GHz | 60@10.5GHz | * | 57 x 13.5 x 10 |
| CBF11125360B | 11.95-12.05 (-3dB) | 5.3 | * | 60@11.9GHz | 60@12.1GHz | * | 58 x 13.5 x 9.5 |
| CBF13161070Y | 13.120-16.480 | 1.0 | * | 70@10.7GHz | 70@19.0GHz | * | 78 x 11 x 15 |
| CBF13141050B | 13.71-14.69 (-3dB) | 1.0 | * | 50@13.5GHz | 50@14.9GHz | * | 97 x 12 x 9.2 |
| CBF15171058B | 15.84-17.14 (-3dB) | 1.0 | * | 58@15.58GHz | 80@18.5GHz | * | 100 x 12 x 9 |

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

Ceramic:

| Model Number | Frequency Range (GHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|------------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU6U61225B | 0.605-0.662 (-1dB) | 1.2 | * | 40@0.567GHz | 25@0.701GHz | * | 48 x 19 x 10 |
| CBFU6U66070B | 0.617.5-0.622.5 (-1dB) | 6.0 | * | 70@0.6GHz | 70@0.64GHz | * | 45 x 20 x 10 |
| CBFU6U65860B | 0.677.5-0.682.5 (-1dB) | 5.8 | * | 65@0.66GHz | 60@0.7GHz | * | 45 x 20 x 10 |
| CBFU7U83870B | 0.795-0.805 (-1dB) | 3.8 | * | - | 70@0.92GHz | * | 40.4 x 13.5 x 10 |
| CBFU8U95550B | 0.889-0.911 (-3dB) | 5.5 | * | 50@0.874GHz | 50@0.926GHz | * | 35 x 16 x 8 |
| CBFU9U94370B | 0.915-0.925 (-1dB) | 4.3 | * | 70@0.8GHz | 70@0.98GHz | * | 40.4 x 13.5 x 10 |
| CBFU9U99370B | 0.957-0.963 (-1dB) | 9.3 | * | 70@0.94GHz | 70@0.98GHz | * | 35 x 16 x 8 |

Band Pass Filters (Waveguide & Coaxial)

| Model Number | Frequency Range (GHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|------------------|
| CBFU9U94070B | 0.975-0.985 (-1dB) | 4.0 | * | 70@0.92GHz | 75@1.08GHz | * | 40.4 x 13.5 x 10 |
| CBFU9013550B | 0.999-1.021 (-1dB) | 3.5 | * | 55@0.97GHz | 50@1.05GHz | * | 37 x 16 x 7 |
| CBF01013955B | 1.01-1.03 (-1dB) | 3.9 | * | 60@0.96GHz | 55@1.07GHz | * | 40.4 x 13.5 x 10 |
| CBF01013550B | 1.0165-1.0315 (-1dB) | 3.5 | * | 75@0.974GHz | 50@1.074GHz | * | 30 x 16 x 7 |
| CBF01012535B | 1.02-1.04 (-1dB) | 2.5 | * | 45@0.98GHz | 35@1.08GHz | * | 40.4 x 12 x 10 |
| CBF01014370B | 1.03-1.05 (-1dB) | 4.3 | * | 70@0.98GHz | 75@1.1GHz | * | 40.4 x 13.5 x 10 |
| CBF01013545B | 1.039-1.061 (-1dB) | 3.5 | * | 50@1.01GHz | 45@1.09GHz | * | 37 x 16 x 7 |
| CBF01013870B | 1.055-1.075 (-1dB) | 3.8 | * | 75@0.96GHz | 70@1.14GHz | * | 40.4 x 13.5 x 10 |
| CBF01014465B | 1.075-1.085 (-1dB) | 4.4 | * | 75@0.98GHz | 65@1.125GHz | * | 40.4 x 13.5 x 10 |
| CBF01015070B | 1.075-1.085 (-1dB) | 5.0 | * | 70@1.02GHz | 70@1.14GHz | * | 40.4 x 13 x 9 |
| CBF01013370B | 1.08-1.12 (-1dB) | 3.3 | * | 70@0.96GHz | 75@1.2GHz | * | 40.4 x 13.5 x 10 |
| CBF01013070B | 1.115-1.165 (-1dB) | 3.0 | * | 70@0.96GHz | 70@1.28GHz | * | 40.4 x 13.5 x 10 |
| CBF01014870B | 1.12-1.13 (-1dB) | 4.8 | * | 70@1.08GHz | * | * | 40.4 x 13.5 x 10 |
| CBF01014350B | 1.139-1.161 (-1dB) | 4.3 | * | 55@1.11GHz | 50@1.19GHz | * | 37 x 16 x 7 |
| CBF01012265B | 1.16-1.22 (-1dB) | 2.2 | * | 70@0.96GHz | 65@1.36GHz | * | 40.4 x 13.5 x 10 |
| CBF01014345B | 1.219-1.241 (-1dB) | 4.3 | * | 55@1.19GHz | 45@1.27GHz | * | 37 x 16 x 7 |
| CBF01014045B | 1.25-1.1281 (-1dB) | 4.0 | * | 50@1.23GHz | 45@1.31GHz | * | 37 x 16 x 7 |
| CBF01015085B | 1.27-1.29 (-1dB) | 5.0 | * | 85@1.2GHz | 85@1.36GHz | * | 30 x 14 x 7 |
| CBF01016080B | 1.352-1.368 (-1dB) | 6.0 | * | 80@1.3GHz | 80@1.42GHz | * | 35 x 18 x 8 |
| CBF01014545B | 1.359-1.381 (-1dB) | 4.5 | * | 50@1.33GHz | 45@1.41GHz | * | 37 x 16 x 7 |
| CBF01015040B | 1.399-1.1421 (-1dB) | 5.0 | * | 45@1.37GHz | 40@1.457GHz | * | 37 x 16 x 7 |
| CBF01012535B | 1.42-1.146 (-1dB) | 2.5 | * | * | 35@1.5GHz | * | 29 x 12 x 7 |
| CBF01018555B | 1.554-1.566 (-1dB) | 8.5 | * | 65@1.53GHz | 55@1.59GHz | * | 35 x 14 x 8 |
| CBF01018050B | 1.567-1.579 (-1dB) | 8.0 | * | 65@1.543GHz | 50@1.603GHz | * | 35 x 14 x 8 |
| CBF01015565B | 1.6485-1.6715(-3dB) | 5.5 | * | 90@1.6GHz | 65@1.72GHz | * | 35 x 18 x 8 |
| CBF01011040B | 1.76-1.1896 (-1dB) | 1.0 | * | 40@1.575GHz | 55@2.492GHz | * | 30 x 16 x 7 |

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

Helical:

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|-----------------|
| CBFU3U41050B | 397-403(-1dB) | 1.0 | * | 60@370MHz | 50@430MHz | * | 107 x 28 x 43.5 |
| CBFU4U42255B | 441-449(-1dB) | 2.2 | * | 60@400MHz | 55@490MHz | * | 46 x 20 x 26 |

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

Band Pass Filters (Waveguide & Coaxial)

Suspended Substrate:

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|----------------|
| CBF02080050B | 2000-8000 (-0.5dB) | * | * | * | 50@1000MHz | 10W AVG | 52 x 35 x 10 |

Tubular:

| Model Number | Frequency Range (MHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|-------------------|
| CBFU4U51050B | 480-560 (-3dB) | 1.0 | * | 50@380MHz | 65@680MHz | * | 125.2 x Φ 13 |
| CBFU5U51965B | 540-560 (-3dB) | 1.9 | * | 65@450MHz | 75@650MHz | * | 95 x Φ 13 |
| CBFU9010545B | 940-1240 (-1dB) | 0.5 | * | 45@590MHz | 70@1590MHz | * | 74 x Φ 13 |
| CBF01016270B | 1651-1669 (-1dB) | 6.2 | * | 70@1610MHz | 70@1710MHz | * | 93 x Φ 19 |

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

Filter Banks:

| Model Number | Frequency Range (GHz) | Insertion Loss (dB) Max. | In-band Ripple (dB) Max. | Rejection1 (dB) Min. | Rejection2 (dB) Min. | Power Avg (W) Max. | Case Type (mm) |
|--------------|-----------------------|--------------------------|--------------------------|----------------------|----------------------|--------------------|----------------|
| CBF01010670B | 1.3405-1.4855 | 0.6 | * | 70@1.228GHz | 70@1.598GHz | * | * |
| CBF01010350B | 1.55-1.65 | 3.0 | * | 50@1.46GHz | 50@1.74GHz | * | * |
| CBF01010250B | 1.45-1.75 | 2.0 | * | 50@1.32GHz | 50@1.88GHz | * | * |
| CBF01011550B | 1.3-1.9 | 1.5 | * | 50@1.15GHz | 50@2.05GHz | * | * |
| CBF01021450B | 1.2-2.0 | 1.4 | * | 50@1.02GHz | 50@2.18GHz | * | * |
| CBF01010770B | 1.5905-1.7355 | 0.7 | * | 70@1.478GHz | 70@1.848GHz | * | * |
| CBF01010870B | 1.7155-1.8605 | 0.8 | * | 70@1.603GHz | 70@1.973GHz | * | * |
| CBF09092560B | 9.55-9.65 | 2.5 | * | 60@9.4GHz | 60@9.8GHz | * | * |
| CBF09091760B | 9.45-9.75 | 1.7 | * | 60@9.3GHz | 60@9.9GHz | * | * |
| CBF09090660B | 9.3-9.9 | 0.6 | * | 60@8.8GHz | 60@10.4GHz | * | * |
| CBF09100660B | 9.2-10.0 | 0.6 | * | 60@8.7GHz | 60@10.5GHz | * | * |

OTHER FREQUENCY BANDS AND ATTENUATION VALUES ARE ALSO AVAILABLE.

*CONSULT THE FACTORY

Waveguide:

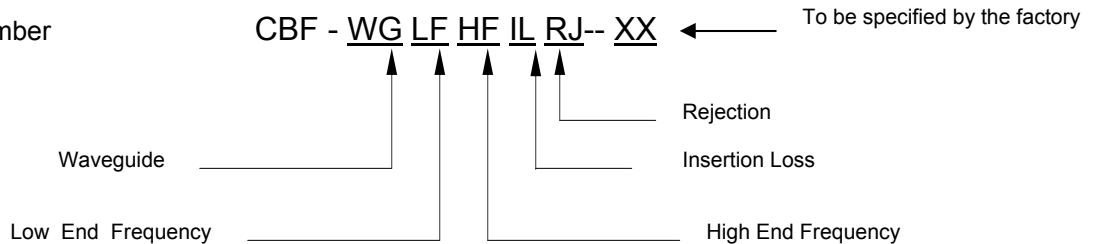
Band Pass Filters (Waveguide & Coaxial)

| Frequency Band | K | Ka | Q | U | V | E | W |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Waveguide Size | WR-42 | WR-28 | WR-22 | WR-19 | WR-15 | WR-12 | WR-10 |
| Passband (GHz) | 18 to 26.5 | 26.5 to 40 | 33 to 50 | 40 to 60 | 50 to 75 | 60 to 90 | 75 to 110 |
| Insertion Loss (dB) | 1.0 | 1.0 | 1.0 | 1.0 | 1.2 | 1.5 | 1.8 |
| Rejection Band (GHz) | < 14 & > 33 | < 20 & > 47 | < 25 & > 56 | < 29 & > 66 | < 38 & > 80 | < 45 & > 98 | < 56 & > 118 |
| Ripple in Passband | 0.1 to 0.5 | 0.1 to 0.5 | 0.1 to 0.5 | 0.1 to 0.5 | 0.1 to 0.5 | 0.1 to 0.5 | 0.1 to 0.5 |

HOW TO ORDER:

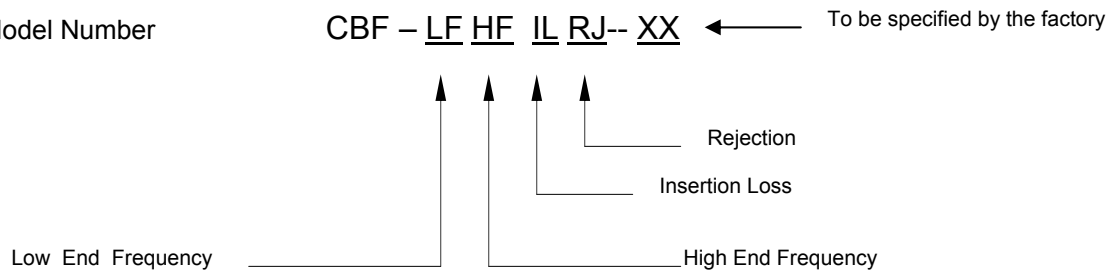
WAVEGUIDE:

Specify Model Number



COAXIAL:

Specify Model Number



Example: To order WR-28 bandpass filter with a passband frequency of 28-29Ghz with an insertion loss of 1.5db and a rejection of 30 dB, specify CBF-28291530-XX.

ALL THE ABOVE SPECIFICATIONS ARE @ 25°C

OTHER FREQUENCY BANDS ARE ALSO AVAILABLE.

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.