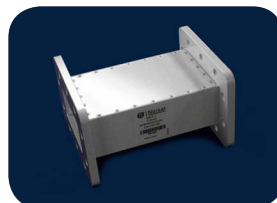




# MICROWAVE COMPONENT

## C-BAND BAND PASS FILTER



### APPLICATIONS

- Rejects terrestrial interference in C-Band (WiMAX, Radar and C-Band transmitter)
- Easily installed between the feed and LNB
- Suitable for use with Norsat's C-Band LNBs
- Environmentally sealed and moisture resistant

### TYPICAL SPECIFICATIONS (BPF-C-1)

<b>Frequency range</b>	3.70 to 4.20 GHz
<b>VSWR</b>	1.4 : 1
<b>Insertion loss in band</b>	0.5 dB
<b>Waveguide flange</b>	CPR-229 (input), CPR-229F (output)
<b>Dimensions</b>	120 (L) x 100 (W) x 70 mm
<b>Weight</b>	650 g

### TYPICAL SPECIFICATIONS (BPF-C-2)

<b>Frequency range</b>	3.625 to 4.20 GHz
<b>VSWR</b>	1.4 : 1
<b>Insertion loss in band</b>	0.5 dB
<b>Waveguide flange</b>	CPR-229G (input), CPR-229F (output)
<b>Dimensions</b>	120 (L) x 100 (W) x 70 mm
<b>Weight</b>	650 g

### TYPICAL SPECIFICATIONS (BPF-C-BW36-CF)

- BPF-C-BW36-CF is used for interference inside the standard receiver bands.
- The filter is a single transponder bandpass filter. The Center Frequency (CF) is determined by the individual customer's requirements.

<b>Center Frequency (CF)</b>	xxxx MHz
<b>Bandwidth</b>	36 MHz
<b>VSWR</b>	1.4 : 1
<b>Insertion loss in band</b>	0.6 dB
<b>Waveguide flange</b>	CPR-229G (input), CPR-229F (output)
<b>Dimensions</b>	120 (L) x 100 (W) x 70 mm
<b>Weight</b>	650 g

### FREQUENCY PLOTS

