

Innovative Communication Solutions

MICROWAVE COMPONENT C-BAND BAND PASS FILTER

tute part of any order or contract.

APPLICATIONS

- Rejects terrestrial interference in C-Band (5G, 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 (IP66) •

SPECIFICATIONS (BPF-C-1)

Frequency Range
VSWR
Insertion Loss in Band
Rejection
Waveguide Flange
Dimensions (L x W x H)

Weight

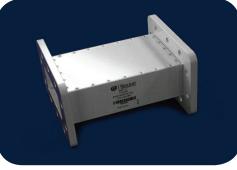
3.70 to 4.20 GHz
1.4 : 1 max.
0.5 dB max.
25 dB min at 3.650 GHz and 4.250 GHz 60 dB min at 3.550 GHz and 4.350 GHz 70 dB min at 3.500 GHz and 4.400 GHz
CPR-229G (input), CPR-229F (output)

120 mm x 100 mm x 70 mm

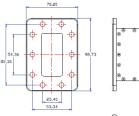
< 650 a

SPECIFICATIONS (BPF-C-2)

Frequency Range	3.625 to 4.20 GHz
VSWR	1.4 : 1 max.
Insertion Loss in Band	0.5 dB max.
Rejection	25~dB min at $3.575~GHz$ and $4.250~GHz$ 60 dB min at $3.475~GHz$ and $4.350~GHz$ 70 dB min at $3.425~GHz$ and $4.400~GHz$
Waveguide Flange	CPR-229G (input), CPR-229F (output)
Dimensions (L x W x H)	120 mm x 100 mm x 70 mm
Weight	< 650 g



MECHANICAL DRAWING



















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SPECIFICATIONS (BPF-C-3)

Frequency Range VSWR Insertion Loss in Band	3.754 to 4.20 GHz 1.4 : 1 max. 0.5 dB max.
Rejection	25 dB min at 3.704 GHz and 4.250 GHz 60 dB min at 3.604 GHz and 4.350 GHz 70 dB min at 3.554 GHz and 4.400 GHz
Waveguide Flange	CPR-229G (input), CPR-229F (output)
Dimensions (L x W x H)	120 mm x 100 mm x 70 mm
Weight	< 650 g

SPECIFICATIONS (BPF-C-4)

Frequency Range	3.80 to 4.20 GHz
VSWR	1.4 : 1 max.
Insertion Loss in Band	0.5 dB max.
Rejection	25~dB min at 3.750 GHz and 4.250 GHz 60 dB min at 3.650 GHz and 4.350 GHz 70 dB min at 3.600 GHz and 4.400 GHz
Waveguide Flange	CPR-229G (input), CPR-229F (output)
Dimensions (L x W x H)	120 mm x 100 mm x 70 mm
Weight	< 650 g

SPECIFICATIONS (BPF-C-5)

Frequency Range	3.90 to 4.20 GHz
VSWR	1.4 : 1 max.
Insertion Loss in Band	0.5 dB max.
Rejection	25 dB min at 3.850 GHz and 4.250 GHz 60 dB min at 3.750 GHz and 4.350 GHz 70 dB min at 3.700 GHz and 4.400 GHz
Waveguide Flange	CPR-229G (input), CPR-229F (output)
Dimensions (L x W x H)	120 mm x 100 mm x 70 mm
Weight	< 650 g

