

# MFC

Creating Filters and Components to 50 Ghz for Over 50 Years!

## Microwave Filter Company, Inc.

No other filter in the industry provides as much rejection of undesired signals in such a compact size.

- Eliminates WiMAX, RADAR and virtually all other sources of out-of-band interference
- Typically **In Stock** for **Same/Next Day** Shipping
- (Extended Band) Passband variations are typically available at no additional cost
- Lightweight - Aluminum Construction
- Hardware & Gasketing included
- Ready to install between LNB & feedhorn

### Specifications:

Passband:	3.6 - 4.2 GHz
Passband Loss:	0.5 dB Typ @ center band; 0.5 dB Typ roll-off @ band edges
Passband VSWR:	1.5:1 Typ
Group Delay Variation:	8 nS Max
Rejection:	45 dB Typ @ 3.55 GHz / 4.25 GHz 55 dB Typ @ 3.45 GHz / 4.35 GHz 70 dB Typ @ 3.40 GHz / 4.40 GHz
Flanges:	CPR229G (Input), CPR229F (Output)
Length:	5.49" (13.9 cm)
Weight:	1.125 lbs. (0.51 Kg)
Finish:	Gloss White Lacquer

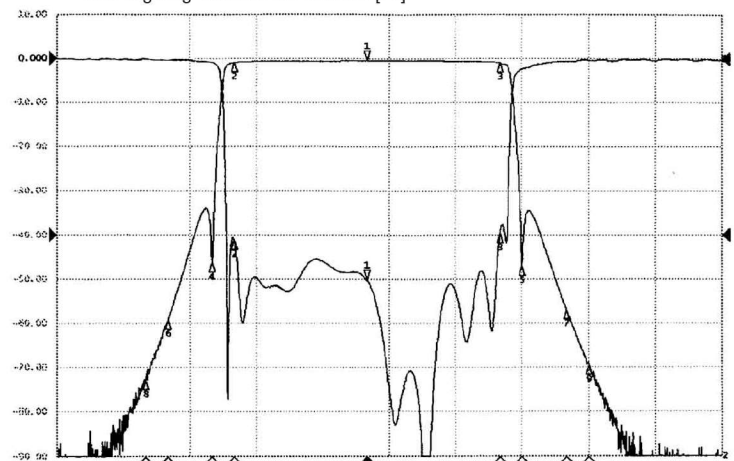


For 3.625-4.2 GHz Passband:  
Order model 13961W-I-3625/4200

### Marker

1	3.900000 GHz -0.4294 dB
2	3.600000 GHz -0.9639 dB
3	4.200000 GHz -1.0166 dB
4	3.550000 GHz -46.347 dB
5	4.250000 GHz -47.026 dB
6	3.450000 GHz -59.164 dB
7	4.350000 GHz -56.917 dB
8	3.400000 GHz -72.863 dB
9	4.400000 GHz -69.391 dB

Tr1 S11 Log Mag 3.500dB/ Ref -14.00dB [F2]  
S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



**ALL MFC PRODUCTS ARE MADE IN THE USA**

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**C-Band Interference Elimination Filter  
Model 13961W-I**