



Microwave Filter Company, Inc.

# 13961W C-Band Interference Elimination Filters

**toner**  
cable equipment, inc.  
www.tonercable.com

Ideal for eliminating interference from WiMAX, RADAR and virtually any other potential source of out-of-band interference.

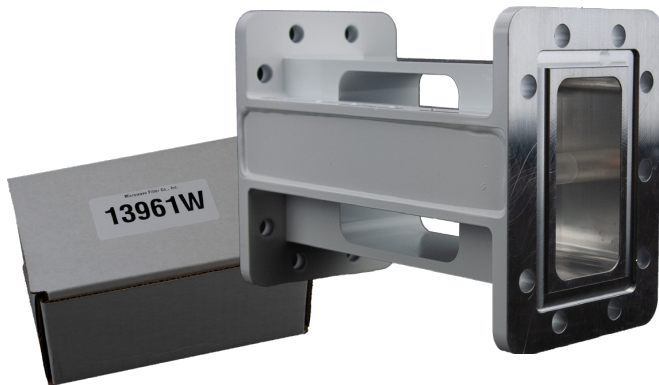
The model 13961W combines innovative design techniques with the solid performance of its renowned predecessor (model 13961).

No other manufacturer's C-band interference elimination filter offers all of these features:

Length:	5.49" (13.9 cm)
Weight:	1.125 lbs (0.51 kg)
Passband VSWR:	1.44:1 Typ; 1.5:1 Max
Group Delay Variation:	7 nS Max
Rejection :	45 dB Min @ 3.65 GHz / 4.25 GHz 60 dB Typ @ 3.55 GHz / 4.35 GHz 70 dB Typ @ 3.50 GHz / 4.40 GHz

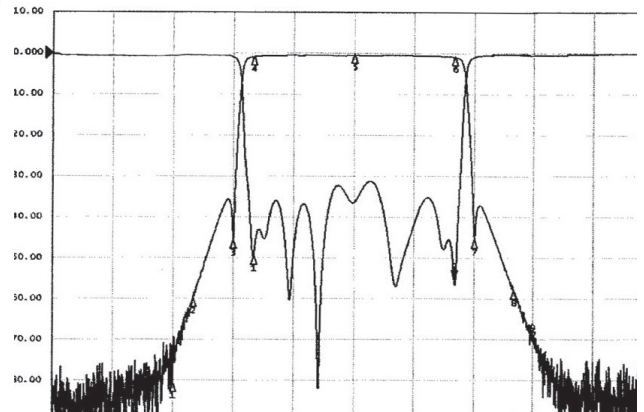
### Other Specifications:

Passband:	3.7 - 4.2 GHz
Passband Loss:	0.5 dB Approx. @ center band 0.5 dB Approx. roll off @ band edges
Transmit Band Rejection:	> 70 dB Typ from 5.8-6.725 GHz
Flanges:	CPR229G (Input) CPR229F (Output)
Finish:	Gloss White Lacquer



Utilizing a durable and true one piece body/flange construction, the 13961W is shipped with hardware & gasketing and is ready to install between the feedhorn and the LNB/LNA.

- (Standard Band) Passband Variations are typically available at no additional cost
- Typically in stock for same/next day shipping



S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
S21 Log Mag 10.000dB/ Ref 0.000dB [F2]

Marker	Frequency (GHz)	Attenuation (dB)
1	3.500000	-80.580
2	3.550000	-59.765
3	3.650000	-45.593
4	3.700000	-0.7973
5	3.950000	-0.4502
6	4.200000	-0.8706
7	4.250000	-45.423
8	4.350000	-57.927
9	4.400000	-70.079