

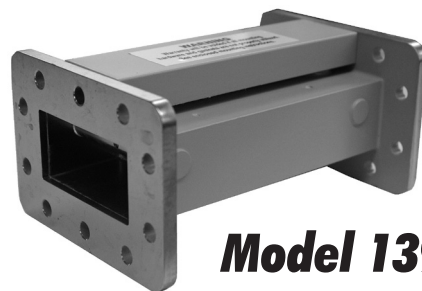


# C-Band Interference Elimination Filters

## 13961 Series

The Model 13961 is a lightweight, aluminum-constructed bandpass filter that is ideal for use on multifeed applications that require side-by-side placement of filters.

This filter provides deep rejection of out-of-band sources of interference, including: Military RADAR, WiMax and Airport Communications.



**Model 13961**

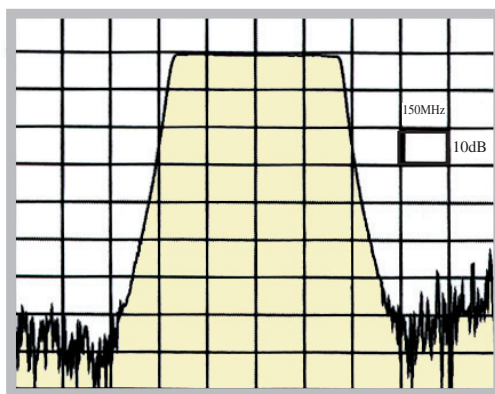
### Specifications:

Passband:	3.7 - 4.2 GHz
Insertion Loss:	0.5 dB Typ @ center band 0.75 dB roll off @ band edge
VSWR:	1.5:1 Max
Group Delay Variation:	8 ns Max
Rejection:	
25 dB Typ	3.65/4.25 GHz
60 dB Min/70dB Typ	3.55/4.35 GHz
70 dB Min/80dB Typ	3.50/4.40 GHz
Transmit Band Rejection:	>70 dB Typ from 5.8 - 6.725 GHz
Flanges*:	CPR229G (Input) CPR229F (Output)
Weight:	1.3 lbs (0.6 Kg)
Dimensions:	5 3/4" L x 2 3/4" H x 3 7/8" D (146mm x 70mm x 98mm)
Finish:	Gray Lacquer

\* Half gasket is supplied with each model

### Features:

- Lightweight/Compact Size - For Easy Installation on Single or Multifeed LNBS
- Also Rejects Transmit Band (5.8 - 6.725)GHz - Eliminating the Need for a Separate TRF
- Quick Turnaround - Orders Typically Ship within 24 Hours
- Low Insertion Loss
- Other Frequency Bands Available Upon Request (Including International)



Typical Response Curve of 13961

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