



The Drake CRF series of Channel Removal Filters will effectively remove a 6 MHz TV channel allowing the subsequent insertion of alternate programming in the same location. Degradation of the adjacent channels below and above the subject channel will be minimal.

These filters will be custom configured to remove the channel specified and the actual response plot will be provided with the unit. The CRF550 has a passband to 550 MHz while the CRF750 and CRF1000 have a passband of 750 MHz and 1000 MHz respectively.

### Specifications

- Available for most standard channels. Specify stopband edges desired.
- Rejection >50 dB over the entire stopband.
- Low loss on adjacent channels.
- 550 MHz, 750 MHz, or 1000 MHz passbands available.
- Return Loss: 15 dB typical.
- Passband Loss: <1 dB.
- Passband Ripple:  $\pm 0.5$  dB.
- Good stability from  $-10^{\circ}$  to  $+40^{\circ}$  C.

### Custom Features (available with some configurations)

- Power Passing.
- Return Path Continuity.
- Custom Stopbands of 2 to 8 MHz wide from 50 to 650 MHz.

***When ordering, please specify stopband, passband, and any custom feature mentioned above.***

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