

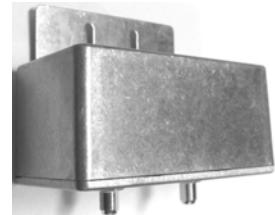


### CR7-ch.(#) - Single Channel Bandstop Filter for Off-Air TV/FM reception and RF systems (any channel from 5 to 900 MHz)

- Available for VHF, UHF, CATV, and RF band (40 to 900 MHz)
- Stopband BW: ATSC TV (6 MHz) or RF band from 4-8 MHz
- Passband: 5-800 MHz, except adjacent channels: VHF: 3dB BW approx. 6 MHz from stopband edge; UHF: 3dB BW 10-12 MHz from stopband edge (depend on attenuation and stopband bandwidth)
- Typical CR7 application is to attenuate strong RF signal overloading RF preamp
- Connectors: 75 ohms, F-type (50 Ohms SMA, BNC, or N)
- Filter supplied with final production graphs

CR7-CH.##

Dim (in): 4.0 x 2.0 x 1.75



CR7X-CH.##

Outdoor Die cast mast mount enclosure

Dim (in): 4.5 x 3.5 x 2.5

#### Other CR7- bandstop filter models:

**CR7 HT** series for more selective UHF stop band filter and preserve adjacent channels

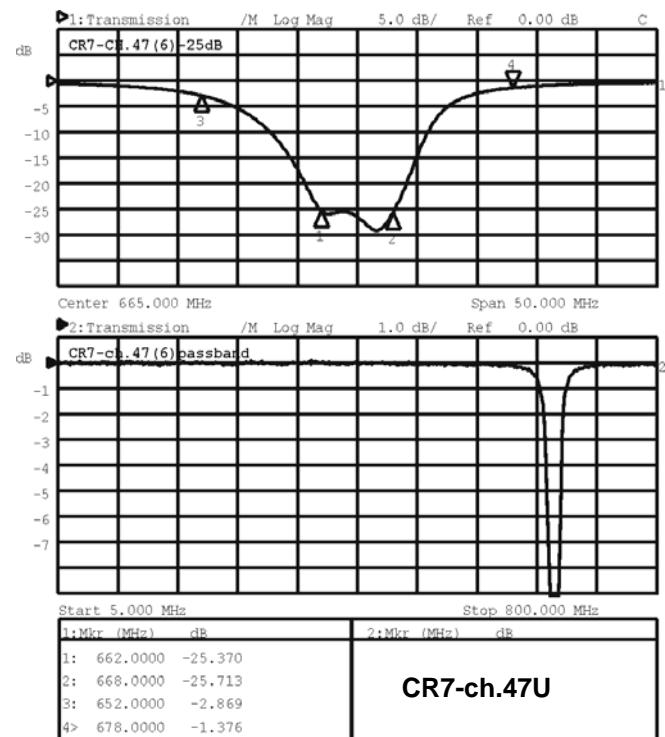
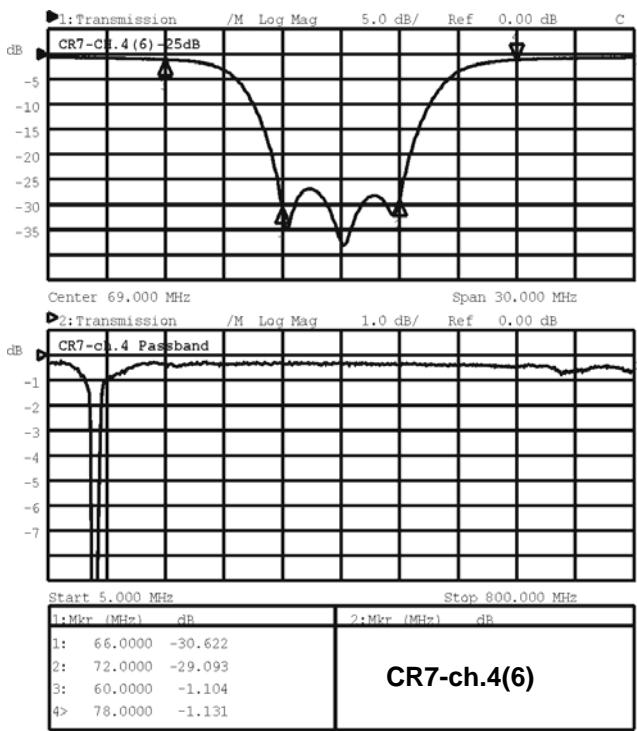
**CR7-ch.FM** for selective FM band attenuation

**CR7E** for >50 dB rejection

**CR7W** for wide bandstop (>100 MHz)

**Order as :** CR7-ch.# (Specify channel #. e.g., 41U) or Specify Stopband Center Frequency (Fc in MHz) & Stopband BW 6/ 8 MHz—e.g., CF7- 665 (6)

#### Example Bandstop Graphs



#### Bandstop Specifications

Models	CR7-VHF	CR7-UHF	General Specifications
<b>Stopband (6/8 MHz)</b>	VHF (54-216 MHz)	UHF (470-800 MHz)	<b>Operating Temperature</b> -10° to +40° C
<b>Thru Loss</b>	< 1.0dB	< 1.0dB	<b>RF Power Handling</b> Up to 1 Watt
<b>Return Loss (dB):</b>	≥15 (VSWR 1.30)	≥15(VSWR 1.30)	<b>Dimensions (in):</b> 4 L x 3 D x 1.75H
<b>Attenuation 3dB</b>	±6 MHz from band edge	± 10-12 MHz from band edge	<b>Shipping Weight</b> 1 lbs

