



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

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)

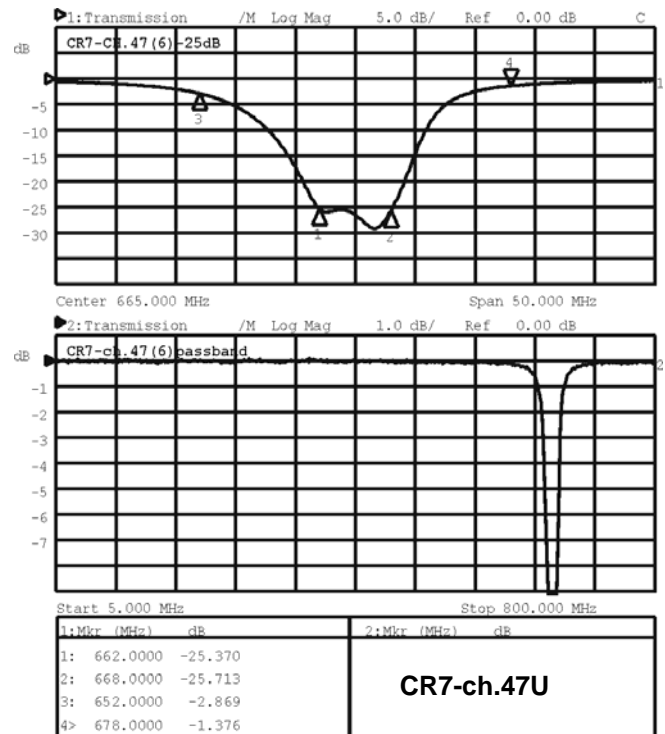
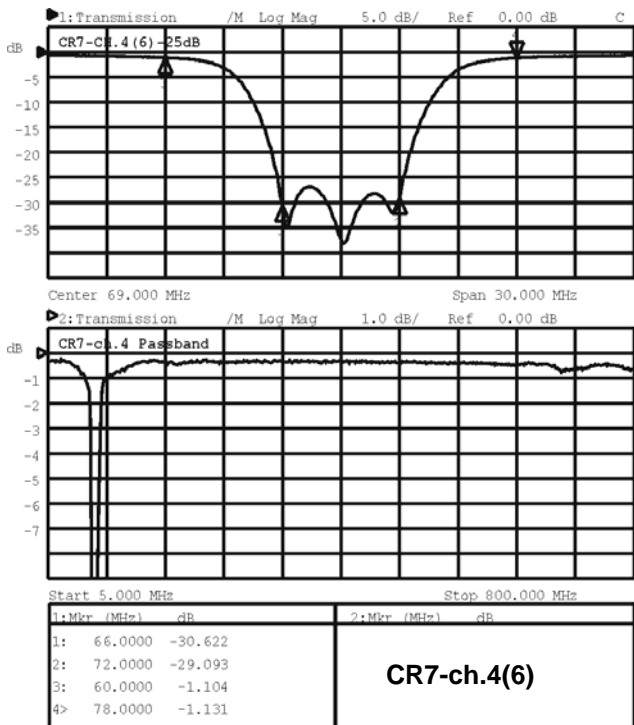


CR7-CH.##
Dim (in): 4.0 x 2. x 1.75

CR7X-CH.##
Outdoor Die cast mast mount enclosure
Dim (in): 4.5 x 3.5 x 2.5

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