



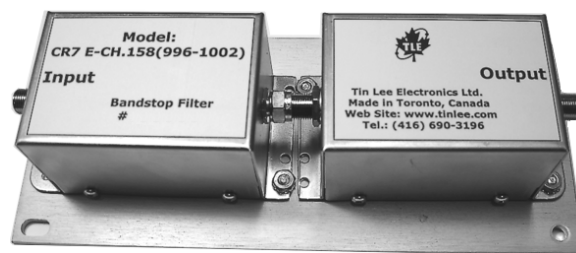
CATV Semi-Adjacent Channel Deletion Filter - CR7E-CH.

Economical Semi-Adjacent Channel Deletion Filter

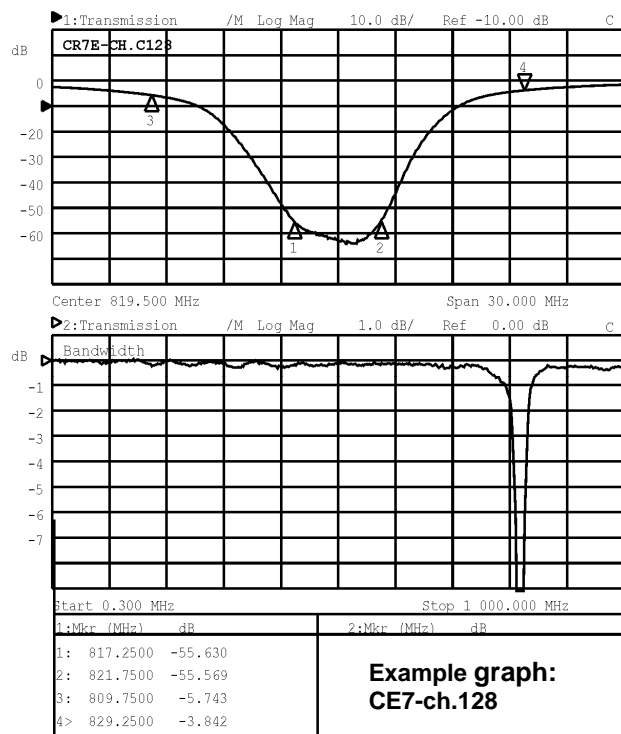
Channels available: T7 to T12, 2 thru 158 (10 to 1000 MHz)

CR7E bandstop, is designed to delete one TV channel (QAM or NTSC) from the CATV spectrum, to allow insertion of a local program. CR7E will pass all other channels, with the exception of upper and lower adjacent channels.

- Stopband attenuation: 55 dB typical
- Impact on next-to-adjacent channels <400 MHz: < 3dB
- Impact on next-to-adjacent channels <600 MHz: < 4dB
- Impact on next-to-adjacent channels <750 MHz: < 5dB
- Impact on next-to-adjacent channels >800: 6-8dB
- Bandwidth: DC to 870 MHz (1000 MHz - inquire)
- Custom stop band: 4-10 MHz BW
- Available for PAL channels, and, custom spectrum deletion
- Passband loss: <1 dB \pm .5 dB ripple
- Return Loss: 15 dB typical
- Custom stopband - 4 to 8 MHz wide
- Power passing: 2 amp max, 60 vac
- Good temperature stability -10° to +40° C
- Easy installation - no power or adjustments
- Supplied with final production graph



Model: CR7E-ch.158



SPECIFICATIONS

Channels Available	Passband (MHz)	Passband Loss (dB) *	Semi-Adjacent Loss (dB)		General Specifications:	
			Lower	Upper		
T7-T12	DC-870	1.0 \pm .5	< 3.0	< 3.0	Stopband (dB):	55 dB typical
2-13, 14-30	DC-870	1.0 \pm .5	< 3.0	< 3.0	Connectors, Impedance:	F-type female, 75 ohms
31-50	DC-1000	1.0 \pm .5	< 3.0	< 3.0	Operating Temperature	-10 to +40 ° C (20-120 ° F)
51-75	DC -1000	1.0 \pm .5	< 4.0	< 4.0	Power pass	1 amp, 60 AC max
76-94	DC -1000	1.0 \pm .5	< 5.0	< 5.0	Mounting	Wall
100-120	DC -1000	1.0 \pm .5	< 6.0	< 6.0	Weight (lbs)	2
121—158	DC -1000	1.0 \pm .5	6-8dB	6-8dB	Dimensions (in) *	3.5" x 7" x 3" *
* These dimension are for chs T7 thru 80. Higher channel dimension may vary slightly.						