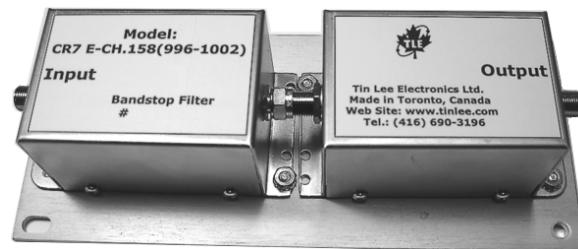


## Economical Semi-Adjacent Channel Deletion Filter

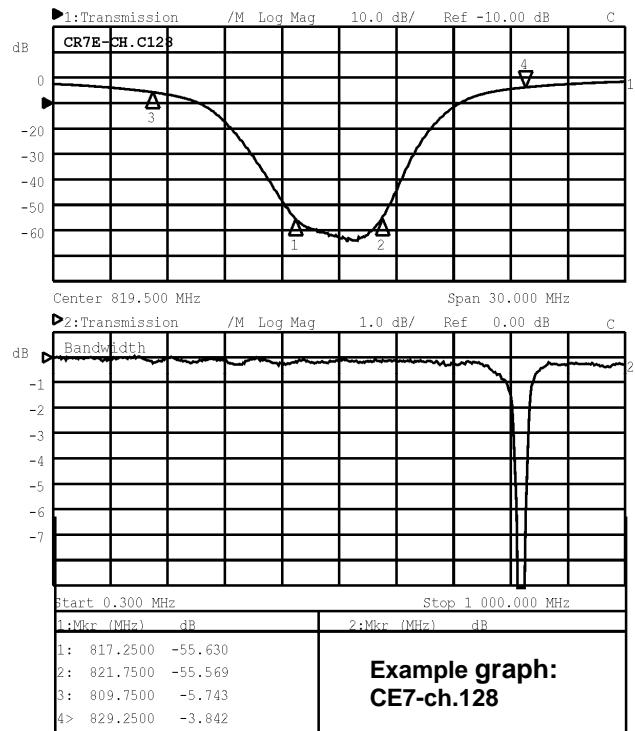
Channels available: T7 to T12, 2 thru 158 (10 to 1000 MHz)

**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) Lower	Semi-Adjacent Loss (dB) Upper	General Specifications:	
<b>T7-T12</b>	DC-870	1.0 $\pm$ .5	< 3.0	< 3.0	Stopband (dB):	55 dB typical
<b>2-13, 14-30</b>	DC-870	1.0 $\pm$ .5	< 3.0	< 3.0	Connectors, Impedance:	F-type female, 75 ohms
<b>31-50</b>	DC-1000	1.0 $\pm$ .5	< 3.0	< 3.0	Operating Temperature	-10 to +40 ° C (20-120 ° F)
<b>51-75</b>	DC -1000	1.0 $\pm$ .5	< 4.0	< 4.0	Power pass	1 amp, 60 AC max
<b>76-94</b>	DC -1000	1.0 $\pm$ .5	< 5.0	< 5.0	Mounting	Wall
<b>100-120</b>	DC -1000	1.0 $\pm$ .5	< 6.0	< 6.0	Weight (lbs)	2
<b>121—158</b>	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.