



Model 2501 CATV Single Channel Deletion Filter - Analog

Adjacent “Friendly” Bandstop Filter

Channels available:

2-6, A8-A6, A5-A1 (95-99), and A14-I22 *

Model **2501**, is a premium single channel deletion filter (see ex. graph), designed to fully delete one analog TV channel from the CATV spectrum, to allow insertion of a local program. 2501 will pass all other channels up to 1000 MHz, with minimal impact on adjacent channels. 2501 is available for custom 4 to 6 MHz stopband applications from 50 to 250 MHz



2501-ch.# E (5 to 1000 bandwidth)

- Designed with eight HQ Helical resonators for flatter loss between adjacent carrier & rest of channel (<1.5 dB)
- Stopband: >55 dB rejection
- Bandwidth: DC-1000 MHz
- Pass band loss: <2dB (<1dB from 400 -1000 MHz)
- Power passing: 1 amp max, 60 vac
- Good temperature stability 0° to +40° C *
- Temperature compensated tuning optional for -20-+50° C
- Easy installation - no power or adjustments
- Supplied with final production graph

Order as 2501–ch. # E (# = specify channel) *

* Available for analog channels: 2–6, A8-A6, A5 - A1, A14 - I22

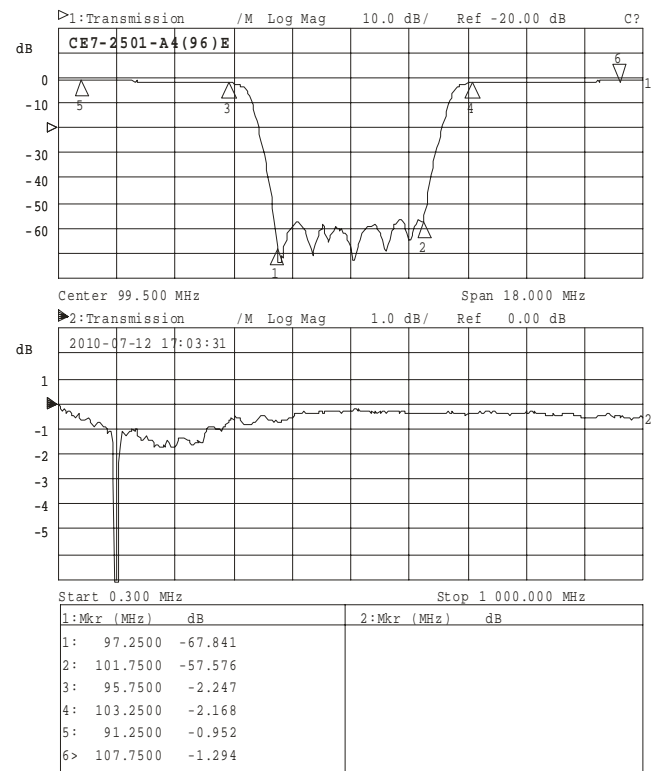
Refer to BR7-ch.# for Sub-band channel deletion

Refer to CE7 series for chs 7 –125 deletion

Refer to CE7D for digital channel deletion

Inquire for Custom stopband - reject any frequency band up to 6 MHz wide, available for 50 to 250 MHz.

Example Graph: 2501-ch. A4E(96)E



SPECIFICATIONS

Channels Available	Passband (MHz)	Passband Loss (dB)	Adjacent Loss (dB)		General Specifications:	
			Lower	Upper		
2 - 6	DC- 1000	1.5 ± .5	< 2.5	< 2.5	Stopband (dB):	>55 dB
A8 - A6	DC-1000	1.5 ± .5	< 2.5	< 2.5	Connectors, Impedance:	F-type female, 75 ohms
A5(95) - A1(99)	DC-1000	1.5 ± .5	< 2.75	< 2.75	Operating Temperature	0 to +40 ° C (50-100 ° F)
A14 - I22	DC –1000	1.5 ± .5	< 3.0	< 3.0	Power pass	1 amp, 60 VAC
Weight (lbs)	4.5 lbs	Dimensions (in)	19 x 3.5 panel		Mounting	Wall or Rack