



CE7-CH.59 Deletion Filter, Coupler and Modulator Hookup Information

- CE7-CH. 59 Deletion Filter is put inline with Cable TV signal to remove channel 59.
- CE7-ch.59 has adjacent channel selectivity, i.e., it will pass all signals impact channels 58 and 60.
- Channel 59 Modulator adjacent channel ready—no interference on adjacent channels 58/60
- Modulators provides +55 dBmV ch.59 output from Video/Audio inputs, e.g., lobby camera
- Channel 59 Modulators has individual controls for A/V ratio, Video, Audio and Output Level
- Directional Coupler combines the Cable TV signal minus deleted channel 59 with the modulator ch.59
- Coupler (-30dB tap) is used in reverse to provide >45 dB isolate between modulator and CATV signal
- Signal Levels can be balanced for best performance—use modulator 15 dB Level Control
- Example: Input Cable TV signal level is +10 dBmV and tap loss is -30 dB, modulator output level adjust to 40 dBmV (approx).

