



10 Helpful Tips When Dealing With Modulators

- 1) Install a low pass filter, and make sure that it is filtering the correct channels.
- 2) Low pass filters should be installed after any amplification, not before.
- 3) Make sure that any unused modulated channels are below the low pass frequency.
- 4) Make sure the TV is set to the same frequency setting that the modulator is, UHF to UHF or CATV to CATV.
- 5) Make sure that the TV has the modulated channel programmed. If not, add it to the viewable channels.
- 6) When using multiple modulated sources, make sure each modulated input is assigned to its own channel, and that they are at least one channel apart.
- 7) If the CATV signal level is greater than the modulated signal (10+ dB) then you might get crosstalk. This is introduced when one signal is stronger than the other and is interfering with the weaker signal.
- 8) Make sure that all splitters and amplifiers are capable of 1 GHz
- 9) Ground noise can enter any system. If you hear the 60 cycle hum, try a standard isolation transformer.
- 10) Check all connections. Poor connections are one of the most simple and often overlooked problems. Just make sure that all fittings are securely attached and that there is no damage to the center conducting pin. Quality fittings can also make an improvement in signal quality.