

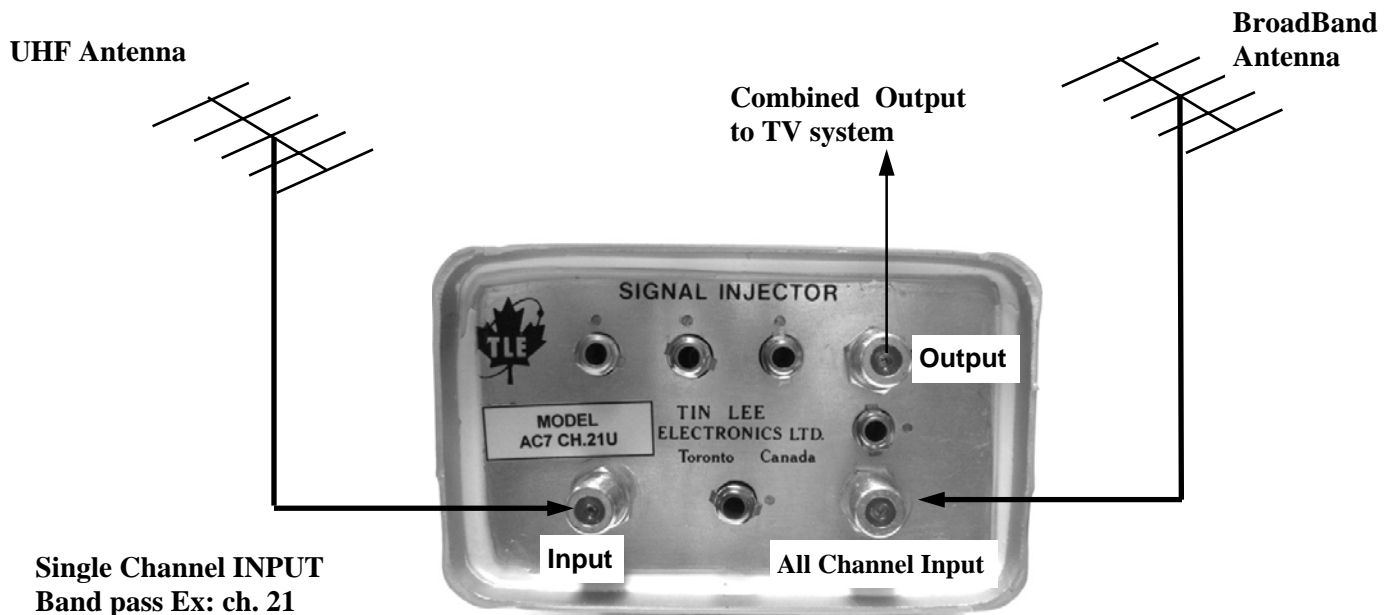


AC7-ch.## Hookup Single Channel Signal Injector

5-11-09

Model AC7-CH.## Single Channel Injectors is designed to join a single channel antenna with a broadband antenna. Hookup and antenna mount positions are shown below. The AC7-CH.## consists of three ports:

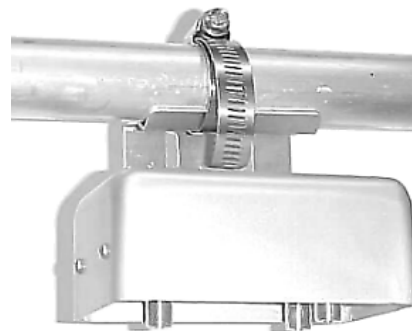
1. **Single channel INPUT** (bandpass) provides 20dB rejection at: ± 8 MHz (VHF), ± 18 MHz (UHF). Insertion loss: 2.5 dB typical
2. **All Channel Input (Broadband input)** includes bandstop to reduce co-channel interference between the single channel input and the broadband input. Rejection: 15dB. 3dB points: ± 8 MHz (VHF), ± 18 MHz (UHF)
3. **OUTPUT** (combined Output port): 50 to 800 MHz, thru-loss: 1dB



Mast Mounting



Boom Mounting



Reminder: AC7 Antenna Mounting and Antenna Ground System

Mount the AC7 with the connectors facing towards the ground. To protect antenna user against lightning damage, Antenna mast should have proper ground system. Properly grounded antenna mast prevents static charge accumulation on antenna and protects antenna mounted devices.