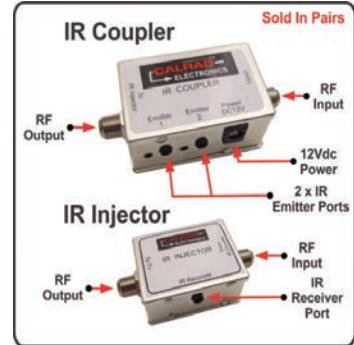


# CALRAD

## 92 series - IR Distribution

### 92-170-KIT IR Distribution Over Coax Injector-Coupler System



The 92-170 IR injector and coupler system sends remote control signals to your satellite dish, cable box, or DVD using a standard IR remote, even if the component you wish to control is located in another room. The Calrad RF/IR Injector delivers your IR signals over a single coaxial cable up to 300 feet to the actual component. Attach Calrad's IR 92-165 receiver using the 3.5mm stereo mini plug to the RF/IR Injector, which attaches to your coax cable between the satellite or cable input and the television you'll be watching. The IR Signal Coax Cable Coupler extracts the IR commands on the other end and delivers them to the satellite dish or other component via a Calrad's 92-152 IR emitter. The IR Coupler/Injector are sold in pairs and the 1 x 92-165 IR receiver, 2 x 92-152 IR emitters, 1 x 12-Volt DC Power Supply are included. There are several ways to use the 92-170 system, using coax only for the IR signal itself or with a CATV service or RF modulated system on the coax cable at the same time. A Calrad DC blocker, (75-726) if required if a splitter is used between the IR Injector and coupler.

#### Specifications:

- IR Receive, Transmit Frequency Range..... 34 khz - 60 khz
- Maximum Coax Cable Distance..... 300 ft.
- IR Injector Size: L-1.9" x W-1.42" x H-.835"
- IR Injector Connectors: 2 x F81 RF Jacks, 1 x 3.5mm Jack
- IR Coupler Size: L-2.2" x W-1.4" x H- 1.0"
- IR Coupler Connectors: 2 x F81 RF Jacks, 2 x 3.5mm Jacks, 1 x 2.1 Coax 12Vdc Power Jack.
- 12Vdc Power Supply, Included
- Shielded Chassis Design

#### 75-726 75 Ohm DC BLOCKER

5-1750MHz, insertion loss 0.3dB, return loss 16dB typical. Nickel plated machined brass. Passes RF and blocks DC from the signal path. Male 'F' connector to F-81 style female. Overall length 1.6".

