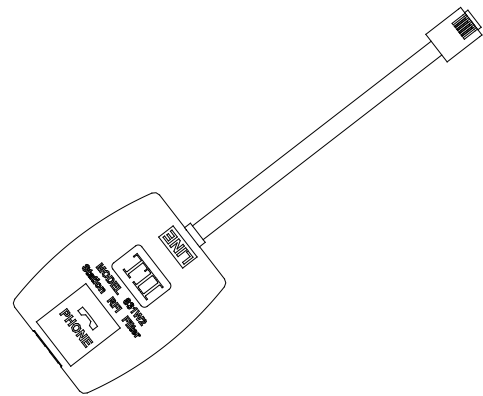




141 Rodeo Drive  
Edgewood, NY 11717  
Toll Free 888.844.4720  
www.tiitech.com



**Model 831W2**  
Radio Frequency Interference (RFI) Filter

## Installation Note

### Description

1. This installation note covers the installation and operational testing of the 831W2 Radio Frequency Interference (RFI) filter.
2. The 831W2 is a broadband low pass filter which is placed in series with the telephone circuits.
3. The filter is designed to eliminate interference from the AM, FM, CB and TV VHF low bands.
4. The RFI filter circuit has no adjustments and is essentially transparent to the telephone voice band 200Hz – 4 KHz.

### Features

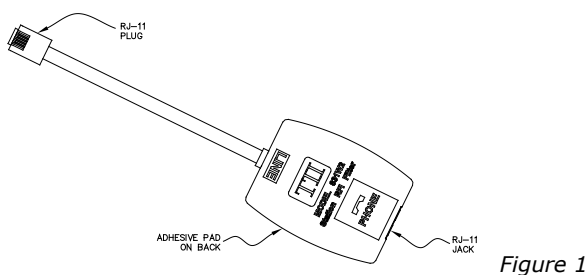


Figure 1

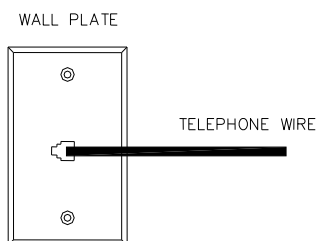


Figure 2 Telephone wire without 831W2 installed

### Installation

1. Identify the location where the RFI filter is to be installed (preferably where the telephone has maximum RFI interference).
2. Remove the RJ-11 plug of the telephone wire from the wall outlet where the 831W2 is to be installed. (See figure 2)
3. Insert the RJ-11 plug of the 831W2 into the RJ-11 jack of the wall outlet. (See Figure 3)
4. Insert the RJ-11 plug of the telephone wire into the 831W2 RJ-11 jack.
5. Test that dial tone is available by lifting up the telephone receiver.
6. Use adhesive pad (supplied) to attach the 831W2 to the wall.

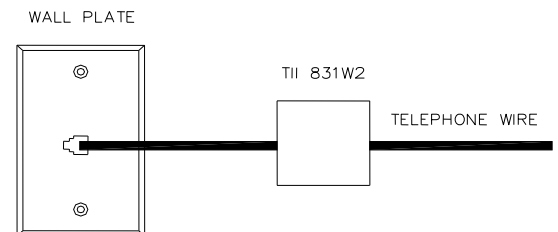


Figure 3 Telephone wire with 831W2 installed