



## Dial Tone Detection Module

model 90417

### Specifications

**Detection Level:**

Dial tone – 26 dBm to 0 dBm

**Detection Frequencies:**

350 Hz and 440 Hz

**Validation Time:**

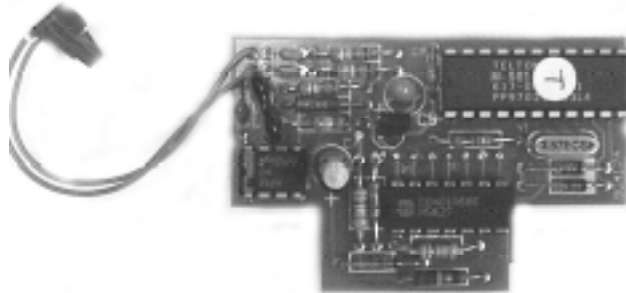
8 seconds @ -26 dBm

**CMRR:**

300 Hz to 600 Hz @ -26 dBm  
nominal

### Features

- Installs directly on 3137B UAD
- Allows customer to force release on dial tone
- Crystal controlled



### Description

Monroe's 90417 Dial Tone Detector is designed to be used with, and plug directly into, the Model 3137B – Unattended Answering Device.

The 90417 is intended for use on telephone exchanges where the central office does not provide a current interruption on the calling party disconnection. By using the 90417, central office supervisory dial tone will force the 3137B to disconnect.

The 90417 monitors telephone audio for continuous dial tone, at 350 Hz and 440 Hz. After detecting continuous dial tone for more than eight seconds, the 90417 will reset the 3137B, disconnecting it.

No other functions are altered on the 3137B Unattended Answering Device when the 90417A Module is installed.