

Rev. 08/30/12

## Features & Options

- Validates RF operation with a simple site visit
- Identifies radio positions before installation
- Battery operated for easy survey mobility
- Available as a 30-day loaner
- Automatic battery power management
- LED and beeper indication of performance

The 418 MHz Field Verifier is designed to measure how far the BAPI Wireless Transmitter signal will go in a specific installation. The verifier is equipped with an LED bar graph indicating signal strength and sounder from a single BAPI 418MHz transmitter or from all the BAPI 418MHz transmitters on the job.

The 900 MHz Field Verifier is an RF transceiver field tool designed to verify how far the BAPI Repeater will go in a specific installation. Each verifier is equipped with an LED and sounder indicating packet reception from the other verifier. Units are used in pairs with one unit set-up as the transmitter and the other unit set-up as the receiver.



## Ordering Information

**ALC/FV-KIT-LOAN** - Loaner Combined Field Verifier Kit (BA/FV418K & BA/FV900K)

**Note:** You will receive 100% credit less shipping and handling charges if unit is returned in working order within 30 Days from product ship date

## Specifications

**Battery Power:** 418 MHz Unit, (2) 3.6 volt Lithium 900 MHz Unit, 9VDC **Agency:** 418 MHz, FCC ID #T4F060811TEMP  
900 MHz, FCC ID #OUR9XSTREAM

**Auto Off:** 418 MHz Unit, 17 minutes  
900 MHz Unit, 1 hour

**Storage/Operating:** 32° to 158°F (0 to 70°C)

**Frequency/RF-Power/Transmission time**

**418MHz Unit:** 418MHz/ 1mW / ~every 10S

**900MHz Unit:** 900MHz/100mW / ~ every 1S

**Receiver Sensitivity:** 418 MHz - 112dBm  
900 MHz - 110dBm

**Typical open air range:** 418 MHz - 100 feet  
900 MHz - 1,000 feet

**Sound Indication:** 50db@5ft beeper (Off selectable)

**418MHz Unit Indication:** 10 bar LED, ~6db per element

**900 MHz Unit Indication:** 2 LED's, 1-transmit and 1-recieve

**Antenna:** Detachable whip (must be installed to operate)

**Weight:** 0.5 lb (.23kg) per unit

### Indoor Transmission Range Estimate "Rules of Thumb"

- Transmitter 0 to 50ft  
Will work in open office instances.
- Transmitter 0 to 100ft  
May work but verify.
- Transmitter >100 ft  
Needs a repeater.
- Repeater 0 to 300ft  
Will work in most instances.
- Repeater 0 to 800ft  
May work but verify.
- Repeater >1,000ft  
Needs another repeater.



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