



**Frontline verification and location test kit for system troubleshooting**

**Identify wiring errors and trace cable runs of common low-voltage cables**

**F-Coax, RJ-45, and RJ-11 interfaces; BNC, RCA, copper cable test via adapters**

- Wiremap twisted pair cables
- Trace copper cables
- Detect opens/shorts in coax
- Four selectable tones for tracing
- Includes patch cables and RCA and BNC adapters
- Carrying case included

## **Test-Tone-Trace VDV Kit**

### **All-in-one basic testing solution**

The IDEAL 33-866 Test-Tone-Trace VDV Kit is an all-in-one testing solution for identifying wiring errors and locating cables in Voice/Data/Video (VDV) installations. Designed for use in LAN, Telephone, Coaxial Video, Security, A/V, and other general coax or twisted pair applications, this kit performs the essential cable testing functions required by installers and system technicians.

The VDV unit features an LCD screen to display Pass/Fail results and notification of wiring errors which require repair. The built in Tone Generator has 4 distinct tones that can be used to trace coax, RJ-45 and RJ-11 cables, plus any de-energized copper cable including speaker wires, alarm cables, and electrical wires. The Amplifier Probe detects tone signals generated from the VDV unit for cable identification and location.





## Product Features

### Test-Tone-Trace VDV Kit Applications:

- Verify if new Voice, Data, or Video installations are wired correctly
- Troubleshoot existing VDV wiring installations
- Test & identify all common errors in modular plug/jack terminations that lead to slow/no connections:
  - Shorts, Opens, Miswires, Split Pairs, and Reversals
- Verify custom made cables for proper wiring and continuity (RJ-45, RJ-11, F, BNC, RCA)
- Identify shielded and 568A to 568B uplink cables
- Locate hard to find cables
- Tone & Trace a single cable within a bunch of cables
- Tone & Trace select pairs, or individual wires within a cable to identify cables or locate opens (loss of continuity)
- Four selectable tones for use with multiple testers

## 33-866 Kit Contents

| Quantity | Description                         |
|----------|-------------------------------------|
| 1        | VDV Main Test unit with 1 Remote    |
| 1        | Amplifier Probe with volume control |
| 1        | Carrying case                       |
| 1        | RJ-45 Alligator clip cable assembly |
| 2        | RJ-45 Patch cable (12")             |
| 2        | RJ-11 Patch cables (4")             |
| 2        | F-Male Coax patch cables (4")       |
| 1        | F-Male to BNC-Female adapter        |
| 1        | F-Female to BNC-Female adapter      |
| 1        | F-Male to RCA-Female adapter        |
| 1        | F-Female to RCA-Female adapter      |
| 1        | F-81 adapter                        |
| 2        | Instruction manuals                 |
| 2        | 9V batteries                        |

Connector to cable assembly errors and mistakes are attributed to over 75% of the problems in any new system installation, resulting in less than optimal or no service. The TTT Kit enables professional installers, MRO technicians, and DIY'ers an economical way to quickly and easily test and verify these connector to cable installations and verify link intergrity within the system or network.

For nearly 30 years, IDEAL has been dedicated to developing reliable and repeatable products for cable installation, connectivity, cable preparation, connector termination, and system testing solutions for the VDV market. The 33-866 is the all-in-one basic testing and troubleshooting kit suitable for anyone working with twisted pair or coaxial cabling installation or maintenance.

