VDV Commander™
Full-Featured Voice/Data/Video Cable Tester
**VDV Commander™ Series** locates, tests and measures coax, data and telephone cables to ensure fast and accurate voice/data/video installations. In addition, the Commander detects Power over Ethernet (PoE), has a full color screen and internal memory to store, download and output test results for easy report management.

**Test coaxial, data (RJ45) and telephone (RJ11) cables**
- Wiremap per TIA-568A/B industry standard
- Identify wiring faults
  - Miswire
  - Open
  - Short
  - Split-pair
  - Reverse-pair
- Verify shielding
- Single-end cable testing or complete cable testing with Test-n-Map™ ID Remotes

**TDR**
- Measure cable length and distance to a fault with Time Domain Reflectometry (TDR) technology
  - Measure paired-conductor cables: voice, data, video, doorbell, siamese, lamp-wire and NM cables, up to 1,500 ft. (457 m)
  - Accuracy up to ±5% and ±1 ft./0.3 m
  - Identify the distance to a short to determine if a cable is damaged
  - Identify cable runs outside specification to ensure compliance
  - Measure cable remaining in a box or on a reel
  - Simplify cable estimating and bill jobs more accurately

**Detect, identify and test Power over Ethernet (PoE)**
- Detect the presence of PoE
- Detect class and test loads up to 25.5 watts
- Test to ensure adequate power for PoE device
- Test IEEE802.3af and IEEE 802.3at (PoE Plus) compliant Power over Ethernet systems
- Identify modes A or B (Ethernet pairs with power)
**Locate and Identify Cables**
- Location ID Remotes – up to 20 locations (Fig. 1)
  - RJ45 LanMap™ ID Remotes
  - F-Connector CoaxMap™ ID Remotes
- Location Identification and Testing – up to 8 locations (Fig. 2)
  - Test-n-Map™ ID Remotes
  - RJ45 and RJ12 ports
- Link Light (Fig. 3)
  - Identify a hub or switch with a blinking light
  - Visually locate cable runs by flashing system status/activity LED
- Tone Generator* (Fig. 4)
  - Trace cables, wire pairs and individual conductor wires
  - Indicates to a single cable/pair/pin
  - Includes four tones

**Perform Active Network (Ethernet) Testing**
- Detect active Ethernet current link speed, up to 1 Gbps
- Indicates advertised speeds 10/100/1000BASE-T half/full duplex

**Reporting**
- Save up to 256 cable or network tests
- Customize reporting with user defined names
- Export and print color reports

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*Functionality requires an analog tone tracing probe - VDV500-060 (included in some kits).*
**VDV Commander™**

**Test Kit**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>UPC#</th>
<th>Batteries</th>
<th>Battery Life</th>
<th>Height (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Weight (oz)</th>
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<tbody>
<tr>
<td>VDV501-828</td>
<td>58211-0</td>
<td>6 AA alkaline batteries included</td>
<td>20 hours active 10 years standby</td>
<td>173</td>
<td>91</td>
<td>47</td>
<td>340</td>
</tr>
<tr>
<td>VDV501-829</td>
<td>58212-7</td>
<td>6 AA alkaline batteries included Probe: 1 9V alkaline battery</td>
<td>20 hours active 10 years standby Probe: 25 hrs. active 4 yrs. standby</td>
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See our complete line of Voice/Data/Video products at [www.kleintools.com](http://www.kleintools.com)