

# Voice/Data/Video Tools, Testors & Connectors

Our comprehensive line of verification VDV products was created to prep, connect and test network, phone, CATV, home theater, satellite, and security cables for residential or commercial systems.



For Professionals...  
Since 1857™

## Coaxial Cutting Tool

### Coaxial Cable Cutter - CCS

- Multi-functional blade optimized to cut copper-clad steel (CCS) coaxial cable and other common wires or cables
- Forged from custom, US-made steel and through-hardened, the specialized notched blade is designed to withstand steel cable cutting
- Notched blade section is optimized to easily cut common CCS coaxial cables such as RG-59, RG-6/6Q, RG-7 and RG-11
- Shears blade section is designed to cleanly cut and snip solid and stranded copper, aluminum, UTP/STP twisted pair wires and cables
- Blade geometry ensures CCS coaxial cable retains form when cut to facilitate easy insertion into connectors and provide excellent terminations
- High-leverage handles for genuine one-handed operation
- Handles are plastic-coated for maximum comfort and grip



VDV600-096

| Cat. No.   | Handle Color | Cutting Knives                                                            | Cuts                                       | Handle Type    | Overall Length    | Weight          |
|------------|--------------|---------------------------------------------------------------------------|--------------------------------------------|----------------|-------------------|-----------------|
| VDV600-096 | Yellow       | Custom Notch for CCS Coaxial Cable<br>Standard Shears for General Purpose | RG59, RG6, RG6Q, RG7,<br>RG11 Twisted Pair | Plastic Dipped | 7-5/8" (193.7 mm) | 8.4 oz. (238 g) |

## Radial Strippers

### Radial Stripper UTP/STP

- One-step outer jacket stripping, 1-level of category 3, 5, 5e, 6, and 6a cables
- Durable high-carbon steel cutting blades are ground and honed for long life
- Removes the outer jacket of twisted pair cable without damaging the conductors
- Strip and slit lengths may be varied to accommodate different connector requirements
- Recessed cutting surface slits long runs of twisted-pair cable
- Multiple nest cavities allow the removal of a wide variety of jacket materials on twisted-pair cable
- Tension loop can be disengaged for thin-jacket cable
- One-piece construction ensures alignment for precise stripping
- Large finger loop promotes rotation during use
- Adjustable set-screw prevents twisted-pair conductor insulation scoring



VDV120-006

| Cat. No.       | Color  | Strips or Slits                                | Levels | Strip/Slit Dimensions | Prepared Cable                                                                       | Overall Length      | Weight         |
|----------------|--------|------------------------------------------------|--------|-----------------------|--------------------------------------------------------------------------------------|---------------------|----------------|
| VDV120-006-SEN | Yellow | Unshielded Twisted Pair; Shielded Twisted Pair | 1      | Varies by application |  | 4-13/32" (111.9 mm) | 1.3 oz. (37 g) |

### Coax Cable Radial Strippers - 2-Level

- Cat. No. VDV110-095 features two stripping cavities: one for standard size cable and one for utility size cables. Perfect for the data installer who works with utility cable as well standard cable
- Cat. No. VDV110-095 strips five different series of RG cable including: RG6, RG6-QS, RG59, RG11 and RG7
- 2-level stripping in one step - 5/16" and 1/4" (7.9 mm and 6.4 mm)
- Klein's sliding cable stop pre-measures cable for fast, accurate and repeatable strips
- Durable high-carbon steel cutting blades automatically adjust to different cable diameters
- Finger loop facilitates easy, controlled rotation
- Easy debris clean-out



VDV110-095



US Patent: D688927

VDV110-061

| Cat. No.   | Color        | Levels | Cable                        | Cartridge Strip Dimensions            | Prepared Cable                                                                       | Overall Length      | Weight         |
|------------|--------------|--------|------------------------------|---------------------------------------|--------------------------------------------------------------------------------------|---------------------|----------------|
| VDV110-095 | Yellow/Gray  | 2      | RG59, RG6, RG6-QS, RG7, RG11 | 0.3125" and 0.250" (7.94 and 6.35 mm) |  | 5-1/4" (133.4 mm)   | 1.5 oz. (43 g) |
| VDV110-061 | Yellow/Black | 2      | RG59, RG6, RG6-QS            | 0.3125" and 0.250" (7.94 and 6.35 mm) |  | 4-19/32" (116.7 mm) | 1.2 oz. (34 g) |



## Radial Strippers and Cartridges

### Cartridge Radial Strippers

- Designed for high-volume, multiple-type cable preparation environments
- Includes storage cartridge-bay
- One-piece construction ensures precise stripping and never requires adjustment
- Large finger loop promotes rotation during use
- F-Connector "nest" assists with cable insertion
- Cartridges snap in from both sides for left or right-handed operation
- Durable high-carbon steel cartridge cutting blades are ground and honed for long life
- Additional and replacement cartridges available



VDV100-801



VDV110-802

| Cat. No.       | Set Contains                   |                                     |       |        |                                       |                                                                                       | Overall Length | Weight         |
|----------------|--------------------------------|-------------------------------------|-------|--------|---------------------------------------|---------------------------------------------------------------------------------------|----------------|----------------|
| VDV100-801-SEN | Dual Cartridge Radial Stripper |                                     |       |        |                                       |                                                                                       | 5.6" (143 mm)  | 2.4 oz. (68 g) |
|                | Cat. No.                       | Cable                               | Color | Levels | Cartridge Strip Dimensions            | Prepared Cable                                                                        |                |                |
|                | VDV110-003-SEN                 | RG59/RG6/RG6 QS Coaxial Cable       | Black | 2      | 0.3125" and 0.250" (7.94 and 6.35 mm) |    |                |                |
|                | VDV120-005-SEN                 | UTP Cable (Category 3, 5, 5e and 6) | Blue  | 1      | Variable                              |    |                |                |
| Cat. No.       | Set Contains                   |                                     |       |        |                                       |                                                                                       | Overall Length | Weight         |
| VDV110-802-SEN | Radial Cartridge Stripper      |                                     |       |        |                                       |                                                                                       | 5.2" (133 mm)  | 2.1 oz. (60 g) |
|                | Cat. No.                       | Cable                               | Color | Levels | Cartridge Strip Dimensions            | Prepared Cable                                                                        |                |                |
|                | VDV110-003-SEN                 | RG59/RG6/RG6 QS Coaxial Cable       | Black | 2      | 0.3125" and 0.250" (7.94 and 6.35 mm) |  |                |                |

### Radial Stripper Cartridges

- Designed for use with:  
Dual Cartridge Radial Stripper (Cat. No. VDV100-801),  
Radial Cartridge Stripper (Cat. Nos. VDV110-802)
- Pre-set cutting blades for precise, accurate and efficient cable stripping
- Durable high-carbon steel cutting blades are ground and honed for long life
- Patented "V" notch eliminates scoring of the center conductor\*
- Color-coded for easy identification
- Meets industry standards established by the SCTE (Society of Cable Telecommunication Engineers)
- Cartridges made from glass filled polycarbonate for superior strength and extended durability



VDV110-003



VDV110-004



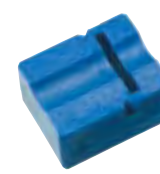
VDV110-020



VDV113-022



VDV113-021



VDV120-005

| Cat. No.       | Cable                               | Color | Levels | Cartridge Strip Dimensions                                | Prepared Cable | Weight          |
|----------------|-------------------------------------|-------|--------|-----------------------------------------------------------|----------------|-----------------|
| VDV110-003-SEN | RG59/RG6/RG6 QS Coaxial Cable       | Black | 2      | 0.3125" and 0.250" (7.94 and 6.35 mm)                     |                | 0.1 oz. (2.8 g) |
| VDV110-004-SEN | RG7/RG11 Coaxial Cable              | Gray  | 2      | 0.3125" x 0.250" (7.94 x 6.35 mm)                         |                | 0.1 oz. (2.8 g) |
| VDV120-005-SEN | UTP Cable (Category 3, 5, 5e and 6) | Blue  | 1      | Variable                                                  |                | 0.1 oz. (2.8 g) |
| VDV110-020     | Mini Coaxial Cable                  | Green | 2      | 0.250" x 0.250" (6.35 x 6.35 mm)                          |                | 0.1 oz. (2.8 g) |
| VDV113-021     | RG58/RG59/RG62 Coaxial Cable        | Green | 3      | 0.234" x 0.234" x Variable (5.95 x 5.95 mm x Variable)    |                | 0.1 oz. (2.8 g) |
| VDV113-022     | RG58/RG59/RG62 Coaxial Cable        | Brown | 3      | 0.109" x 0.312" x Variable (2.76 mm x 7.92 mm x Variable) |                | 0.1 oz. (2.8 g) |



## Coaxial Connector Crimp Tools

### Compression Crimper - Lateral, Multi-Connector

- One tool crimps most compression connectors to most coaxial cables - Minicoax, RG58, RG59, RG62, RG6, RG6QS, RG7, and RG11
- Unique cable selection wheel eliminates the need to change plunger tips, saving time and avoids losing parts
- Heavy-duty zinc die-cast chassis for durable, long lasting performance
- Open design with 180° capture mechanism provides easy insertion, complete compression and simple removal
- User-friendly F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustments of the plunger
- Integrated handle lock for easy storage
- Spring loaded return increases user comfort and ease of use
- Yellow and black contoured grips enhance comfort, visibility and allow quick identification



VDV211-063



Connector markings for quick adjustments.

| Cat. No.   | Color        | Type                | Cable Type | Connectors  | Overall Length    | Weight             |
|------------|--------------|---------------------|------------|-------------|-------------------|--------------------|
| VDV211-063 | Yellow/Black | Compression Crimper | Coaxial    | BNC, F, RCA | 6-1/4" (158.8 mm) | 1.2 lbs. (0.54 kg) |

### Compression Crimper - Compact, Multi-Connector

- Fast, reliable multiple-type compression connector installations
- Crimps compression BNC, F and RCA connectors to coaxial cable
- Adjustable universal plunger ensures accurate crimps on multiple types of connectors
- Open design with 180° capture mechanism provides easy insertion, complete compression and simple removal of cable and connector
- User-friendly F/BNC/RCA gauge markings on tool for accurate positioning and quick adjustments of the plunger
- Compact tool with integrated handle lock for easy storage
- Spring loaded return increases user comfort and ease of use
- Yellow contoured grips enhance comfort, visibility and allow quick identification
- Steel body with chrome finish resists corrosion and extends tool life



VDV211-048



Connector markings for quick adjustments.

| Cat. No.   | Color         | Type                | Cable Type | Connectors     | Overall Length      | Weight          |
|------------|---------------|---------------------|------------|----------------|---------------------|-----------------|
| VDV211-048 | Yellow/Chrome | Compression Crimper | Coaxial    | BNC, F and RCA | 5-19/32" (142.1 mm) | 8.0 oz. (227 g) |

### Compact, F-Connector

- Fast, reliable F-connector installation tool
- Steel body with black-oxide finish for corrosion resistance and durability
- Fixed plunger allows quick, easy insertion and removal of cable and connector
- Fixed plunger accepts many common F-connector compression fittings
- Compact tool with integrated handle lock
- Yellow and black grips enhance comfort, visibility, and allow quick identification
- Spring loaded return increases user comfort and ease of use



VDV212-008

| Cat. No.       | Color        | Type                | Cable   | Connectors          | Overall Length      | Weight          |
|----------------|--------------|---------------------|---------|---------------------|---------------------|-----------------|
| VDV212-008-SEN | Yellow/Black | Compression Crimper | Coaxial | Common F Connectors | 5-19/32" (142.1 mm) | 9.8 oz. (278 g) |



## Twisted Pair Crimp/Strip Tools

### Compact Ratcheting Modular Crimper

- All-inclusive tool cuts, strips and crimps voice and data cables
- Cuts and strips CAT6, CAT5e, CAT3 and flat-satin voice cables
- Crimps 4, 6 and 8 position modular connectors
- Heavy-duty ratchet ensures complete termination
- Direct lateral crimp action provides more even, precise contact termination across all pins
- Compact, ergonomic design for natural, single-hand operation
- About 40% smaller than other crimpers for easy storage
- Quick reference connector wiring diagrams provided on the tool and downloadable to your mobile device



VDV226-107

Heavy-duty ratchet

| Cat. No.   | Color        | Cuts & Strips                                                                        | Crimps Connectors   | Position/Pair/Conductors                                                                             | Overall Length    | Weight           |
|------------|--------------|--------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------|-------------------|------------------|
| VDV226-107 | Yellow/Black | STP/UTP Data Cable Flat Satin Phone Cable 28 - 22 AWG (0.08 - 0.34 mm <sup>2</sup> ) | RJ11, RJ12 and RJ45 | 6-Position, 2-Pair/4-Conductor;<br>6-Position, 3-Pair/6-Conductor;<br>8-Position, 4-Pair/8-Conductor | 5-1/4" (133.4 mm) | 11.2 oz. (318 g) |

### Ratcheting Modular Crimper/Stripper

- Fast, reliable modular-crimp connector installation for voice and data applications
- All-in-one tool, cuts, strips and crimps paired-conductor cables (round STP/UTP and flat-satin phone cable)
- Crimps 4, 6, and 8 position modular connectors (RJ22, RJ11/RJ12 and RJ45)
- Crimping dies are precision ground from high-carbon steel
- Ratchet safety-release and a blade-guard on cutting and stripping knives reduce risk of injury
- Full-cycle ratchet mechanism prevents the release of the connector prior to full compression
- Yellow and black grips enhance comfort, visibility, and allow quick identification
- Not for use with AMP® connectors
- Replacement blade set available (Cat. No. VDV999-064)



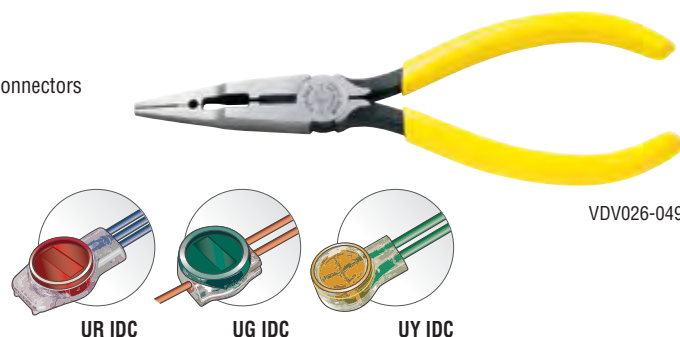
VDV226-011

| Cat. No.       | Color        | Cuts & Strips                                                                 | Crimps Connectors          | Position/Pair/Conductors                                                                                                                                                 | Overall Length    | Weight           |
|----------------|--------------|-------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|
| VDV226-011-SEN | Yellow/Black | STP/UTP, Flat Satin Phone Cable, and 22-28 AWG (0.08 - 0.34 mm <sup>2</sup> ) | RJ11, RJ12, RJ22, and RJ45 | 4-Position, 1-Pair/2-Conductor,<br>4-Position, 2-Pair/4-Conductor<br>6-Position, 2-Pair/4-Conductor<br>6-Position, 3-Pair/6-Conductor,<br>8-Position, 4-Pair/8-Conductor | 7-1/2" (190.5 mm) | 11.3 oz. (320 g) |

AMP® is a registered trademark of TYCO, Inc.

### Long-Nose Pliers - Connector Crimping

- Crimps UR/UY/UG insulation displacement connectors (IDC) - Scotchlok® type connectors
- Grooved jaws for wire wrapping, looping and twisting
- Cleanly strips 23 AWG and 24 AWG wire
- Hot-riveted joint ensures smooth action and no handle wobble
- Induction-hardened cutting surface for long life



VDV026-049

| Cat. No.   | Overall Length      | Jaw Length   | Jaw Width        | Jaw Thickness | Knife Length    | Point Diameter                      | Handle Finish  | Handle Color | Weight          |
|------------|---------------------|--------------|------------------|---------------|-----------------|-------------------------------------|----------------|--------------|-----------------|
| VDV026-049 | 6-51/64" (172.6 mm) | 2" (50.8 mm) | 45/64" (17.9 mm) | 3/8" (9.5 mm) | 7/16" (11.1 mm) | 0.095" x 0.125" (2.41 mm x 3.17 mm) | Plastic Dipped | Yellow       | 4.5 oz. (128 g) |

Scotchlok® is a registered trademark of 3M Corporation.



## Punchdown Tools & Accesories

### Punchdown Screwdriver Multi-Tool

- Terminate and cut wire in one step with 110/66 combination cut-type punchdown blade with precision ground cutting edge
- Non-impact wire termination
- Machine-tooled steel bits for superior strength
- Heavy-duty blade barrel provides storage for bits
- Bayonet-style (twist & lock) socket accepts most manufacturers' punchdown blades
- Cushion-Grip handle for greater torque and enhanced comfort
- Tip-Ident™ for quick identification of tool
- Two Phillips screwdriver tips: #1 and #2
- Two slotted screwdriver tips: 3/16" and 1/4"
- Two nut drivers: 1/4" and 3/8"
- One hex key: 3/8"



US Patent: 8856994

| Cat. No.   | Color        | Included Bits/Blades                                                                                                           | Finish | Overall Length | Weight          |
|------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|--------|----------------|-----------------|
| VDV001-081 | Yellow/Black | 66/110 Terminate and Cut, #1 and #2 Phillips, 3/16" (4.8 mm) and 1/4" (6.4 mm) Slotted, 1/4" and 3/8" Nut Driver, 3/8" Hex-Key | Chrome | 8" (203.2 mm)  | 9.4 oz. (266 g) |

### Cushion-Grip Impact Punchdown Tools

- 4-piece tool kit for complete termination of 110/66 panels, cross-connect systems and wall jacks
- Cushion-Grip Impact Punchdown Tool (VDV427-821) includes a "Hi/Lo" impact functionality for adjustable compression force on various wire gauges, blocks and jacks
- The punchdown tool also has an integrated, extra-long shaft for reaching into bulky/crowded blocks and a heavy-duty metal collar for strength and longevity
- A unique Cushion-Grip handle reduces hand fatigue and provides superior comfort when using the punchdown tool
- Pick-up, separate or remove wires, small components, covers or debris from panels, blocks or jacks with the Wire Pick (VDV327-103)
- The Wire Pick body is made of non-conductive material to prevent shorts. It also has a metal hook end and a non conductive spudger end
- The Dura-Blade 110/66 Cut Combination Punchdown Blade (VDV427-104) is manufactured using a metal injecting molding (MIM) technology for better quality, durability and performance
- The blade has both 110 and 66 cut/terminate edges for clean, accurate wire insertion and trimming. It is compatible with most bayonet style (twist & lock) socket punchdown tools
- The kit-exclusive Multi-Pocket Pouch has separate compartments to store tools, a metal belt clip and a reinforced puncture-resistant bottom



US Patent: D718585

| Cat. No.   | Set Contains | Overall Length  | Weight           |
|------------|--------------|-----------------|------------------|
| VDV427-822 |              | 9.125" (232 mm) | 14.9 oz. (422 g) |

| Cat. No.      | Description                                                  | Blade Configuration End 1 | Blade Configuration End 2 |
|---------------|--------------------------------------------------------------|---------------------------|---------------------------|
| VDV427-821    | Cushion-Grip Impact Punchdown Tool w/Dura-Blade™             | 110 Terminate and Cut     | 66 Terminate and Cut      |
| VDV327-103    | Wire Pick                                                    | Hook                      | Spudger                   |
| VDV427-104    | Dura-Blade™ 110/66 Cut Punchdown Blade                       | 110 Terminate and Cut     | 66 Terminate and Cut      |
| kit exclusive | Multi-pocket pouch with reinforced puncture-resistant bottom |                           |                           |

\*Items also sold separately



## Punchdown Tools & Accessories

### Punchdown Multi-Tool with 110/66 Blade

- Patented locking impact mechanism allows non-impact operation and sure driving with a variety of optional WorkEnds™ driver bits
- Terminate and cut wire in one step with included precision ground combination 110/66 blade
- Integrated hook and spudger for fast, easy manipulation of wire and small components
- Selectable (Hi/Low) impact-force settings
- Spring loaded for fast, low effort seating and terminating
- Dual material contoured chassis provides greater control and enhances comfort
- Blade storage compartment with spring loaded locking mechanism
- Color-coded yellow on the cut side of the tool
- Hook and spudger neatly and compactly store in the chassis, out of the way when not in use
- Induction-hardened high-carbon steel for durability and long life
- Cat. No. VDV427-807 Includes WorkEnds™ Kit with WorkEnds™ adapter, reach extension, and 4 driver bits (#1 and #2 Phillips and 3/16" and 1/4" Slotted) in a convenient carrier
- Replacement blades/accessories available



VDV427-807



| Cat. No.   | Set Contains                                      | Overall Length            | Weight                    |
|------------|---------------------------------------------------|---------------------------|---------------------------|
| VDV427-807 | Punchdown Multi-Tool with 110/66 Blade & WorkEnds | 7.88" (200 mm)            | 7.5 oz. (213 g)           |
| Cat. No.   | Color                                             | Blade Configuration End 1 | Blade Configuration End 2 |
| VDV427-104 | Chrome                                            | 110 Terminate and Cut     | 66 Terminate and Cut      |
| VDV770-050 | —                                                 | Proprietary Magnetic Hex  | 1/4" Female Hex           |

### Impact Punchdown Tools

- Terminate cable in variety of cross-connect panels, blocks and keystone jacks
- Spring loaded for fast, low effort seating and terminating
- Selectable (Hi/Low) impact-force settings
- Rubber finger grips and boot provide greater control and enhanced comfort
- Blade storage compartment with spring loaded locking mechanism
- Bayonet style (twist & lock) socket accepts most manufacturers' tools and blades
- Induction-hardened high-carbon steel for durability and long life
- Replacement blades available



VDV427-800



VDV427-104



VDV427-015-SEN

| Cat. No.       | Set Contains                             | Overall Length            | Weight                    |
|----------------|------------------------------------------|---------------------------|---------------------------|
| VDV427-800-SEN | Impact Punchdown Tool, Combo 66/110 Type | 7" (177 mm)               | 5.7 oz. (162 g)           |
| Cat. No.       | Color                                    | Blade Configuration End 1 | Blade Configuration End 2 |
| VDV427-013     | Yellow/Black                             | —                         | —                         |
| VDV427-104     | Chrome                                   | 110 Terminate and Cut     | 66 Terminate and Cut      |

| Cat. No.       | Set Contains                   | Overall Length            | Weight                    |
|----------------|--------------------------------|---------------------------|---------------------------|
| VDV427-805-SEN | Impact Punchdown Tool 110 Type | 7.1" (180 mm)             | 5.6 oz. (158.7 g)         |
| Cat. No.       | Color                          | Blade Configuration End 1 | Blade Configuration End 2 |
| VDV427-013     | Yellow/Black                   | —                         | —                         |
| VDV427-015-SEN | Black                          | 110 Terminate             | 110 Terminate and Cut     |

### Dura-Blade™ 110/66 Cut Combination Punchdown Blade

- Dura-Blade™ is manufactured using metal injecting molding (MIM) technology for better quality, durability and performance
- Precise cutting-edge for clean, accurate wire insertion, termination and trimming
- Dual 110 and 66 cut and terminate ends for versatility
- Easy blade insertion with bayonet-style (twist & lock) form factor
- Compatible with most bayonet style (twist & lock) socket punchdown tools
- See our Cushion-Grip Impact Punchdown Tool Kit (VDV427-822) for everything required to install and maintain 110 and 66 panels, cross-connect systems and wall jacks



VDV427-104

| Cat. No.   | Color  | Blade Configuration End 1 | Blade Configuration End 2 | Overall Length     | Weight         |
|------------|--------|---------------------------|---------------------------|--------------------|----------------|
| VDV427-104 | Chrome | 110 Terminate and Cut     | 66 Terminate and Cut      | 2-13/64" (56.0 mm) | 0.6 oz. (17 g) |



## Punchdown Tools & Accessories

### Punchdown Accessories

- Blades compatible with Klein® punchdown tools and other bayonet style (twist & lock) socket tools
- Precision ground cutting-edge for clean, precise wire termination (depending on blade type)
- Terminate, and adjust cable in variety of cross-connect panels, blocks and keystone jacks
- Induction-hardened high-carbon steel blades for durability and long life
- Reversible blades with termination/cutting ends and termination only ends (depending on blade type)
- WorkEnds™ Kit converts the Punchdown Multi-Tool chassis (Cat. No. VDV427-047) into a multi-bit driver
- Wire Pick (Cat. No. VDV327-103) is a professional pick/probe/spudger for precise maintenance of wires on blocks or jacks



VDV427-015



VDV427-016



VDV770-050†



VDV327-103

| Cat. No.       | Description                            | Color  | Blade Configuration End 1 | Blade Configuration End 2 | Overall Length     | Weight             |
|----------------|----------------------------------------|--------|---------------------------|---------------------------|--------------------|--------------------|
| VDV327-103     | Wire Pick                              | Yellow | hook                      | spudger                   | 7-1/4" (184.2 mm)  | 0.1 oz. (2.8 g)    |
| VDV427-015-SEN | Punchdown Tool Blade 110 Type          | Black  | 110 Terminate             | 110 Terminate and Cut     | 2-3/32" (53.2 mm)  | 0.5 oz. (14 g)     |
| VDV427-016-SEN | Punchdown Tool Blade 66 Type           | Black  | 66 Terminate              | 66 Terminate and Cut      | 2-19/64" (58.3 mm) | 0.6 oz. (17 g)     |
| VDV427-104     | Dura-Blade™ 110/66 Cut Punchdown Blade | Chrome | 110 Terminate and Cut     | 66 Terminate and Cut      | 2-13/64" (56.0 mm) | 0.6 oz. (17 g)     |
| VDV770-050     | WorkEnds Kit                           | —      | Proprietary Magnetic Hex  | 1/4" Female Hex           | 3013/64" (81.4 mm) | 1.4 lbs. (0.64 kg) |

†WorkEnds™ Kit is only compatible with VDV427-047, VDV427-806 and VDV427-807.

## Crimp Tool and Die Sets

### Ratcheting Crimper Frame

- Professional CATV, electrical, home theater, satellite and security system ratcheting crimper frame with optional dies is perfect for fast, reliable connector installations
- Full-cycle ratchet action assures a complete, precise crimp every cycle
- Preset tension for optimum performance
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression
- Safety crimp release helps eliminate rejected terminations due to incorrect positioning
- Steel body with black-oxide finish for corrosion resistance and durability
- Thumb-screws secure die-sets for quick, easy changes
- Optional, quick interchangeable die sets thumb and Phillips screw set available (see table)



VDV200-010

| Cat. No.   | Overall Length    | Weight             |
|------------|-------------------|--------------------|
| VDV200-010 | 8-3/4" (222.3 mm) | 1.2 lbs. (0.54 kg) |

### Coaxial Hex-Crimp Die Sets

**NOTE:** Use caution when tightening thumb screws to prevent thread damage/stripping and hand tighten only; do not over-tighten the thumb screws. Over-tightening thumb-screws can damage the tool and/or die set.

| Cat. No.   | Die Set                                                   | Nest Dimensions                                                                  | Cat. No.   | Die Set                                                     | Nest Dimensions                                                                                      | Cat. No.   | Die Set                                          | Nest Dimensions                                                                                          |
|------------|-----------------------------------------------------------|----------------------------------------------------------------------------------|------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| VDV999-033 | Replacement Screw Set (Thumb and Phillips)                | N/A                                                                              | VDV211-037 | RG58<br>RG59<br>RG6<br>RG62                                 | 0.256", 0.319",<br>0.068", 0.213",<br>6.50 mm,<br>8.10 mm,<br>1.73 mm,<br>5.41 mm                    | VDV211-041 | RG58<br>RG59<br>RG6<br>RG62                      | 0.255", 0.213",<br>0.098", 0.068",<br>0.321",<br>6.48 mm,<br>5.41 mm,<br>2.49 mm,<br>1.73 mm,<br>8.15 mm |
| VDV212-034 | CATV F Connectors RG59 RG6                                | 0.255",<br>0.320",<br>0.350",<br>6.48 mm,<br>8.13 mm,<br>8.89 mm                 | VDV211-038 | RG58<br>RG59<br>RG6<br>RG62                                 | 0.256",<br>0.068",<br>0.213",<br>6.50 mm,<br>1.73 mm,<br>5.41 mm                                     | VDV201-042 | RG174<br>RG179<br>Belden 8218<br>and Fiber Optic | 0.042", 0.068",<br>0.078", 0.128",<br>0.151", 0.178",<br>1.07, 7.73,<br>1.98, 3.25,<br>3.84, 4.52 mm     |
| VDV205-035 | Insulated Terminals, AWG 10-22                            | AWG 22 - 18/<br>16 - 14/<br>12 - 10<br>DIN 0.5 - 1.0/<br>1.5 - 2.5/<br>4 - 6 mm² | VDV205-039 | Pin Terminal Insulated or Non-Insulated Ferrules, AWG 12-22 | AWG 22/20/<br>18/16/14/12<br>DIN 0.5/0.75/<br>1.0/ 1.5/2.5/<br>4 mm²                                 | VDV211-043 | RG8<br>RG11<br>RG174<br>RG179<br>RG213           | 0.100"/0.128"/<br>0.429"<br>2.54/3.25/<br>10.90 mm                                                       |
| VDV205-036 | Non-Insulated Terminal or Open Barrel Terminal, AWG 10-20 | AWG 20 - 18/<br>16 - 14/<br>12 - 10<br>DIN 0.5 -<br>1.5 - 2.5/<br>4 - 6 mm²      | VDV201-040 | RG58<br>RG59<br>RG62<br>RG174<br>Fiber Optic                | 0.043", 0.068",<br>0.100", 0.137",<br>0.213", 0.255",<br>1.09, 1.73,<br>2.54, 3.48,<br>5.41, 6.48 mm | VDV205-044 | Non-Insulated Terminal, AWG 8-18                 | AWG 18 - 16/<br>14/ 12 - 10/ 8<br>DIN 0.75 - 1.5/<br>2.54/ 4 - 6/<br>10 mm²                              |

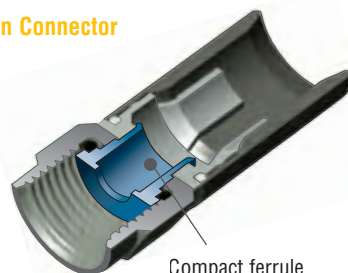


## Coaxial Cable Connectors

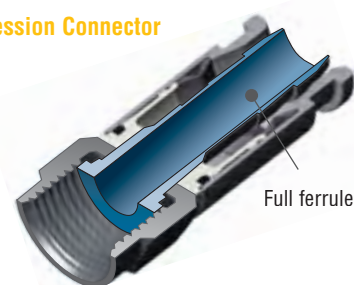
### Klein Tools' Universal Compression Connector

**Installs up to  
5X faster!**

Patented universal sleeve design provides excellent holding power and signal strength.



### Standard Compression Connector



| Universal            |                        |            |               |            | Standard                               |
|----------------------|------------------------|------------|---------------|------------|----------------------------------------|
| Connector Type       | F-Connector            |            | BNC-Connector |            | F-Connector                            |
| Crimping Type        | Compression            |            | Compression   |            | Compression                            |
| Cable Type:          |                        |            |               |            |                                        |
| RG59                 | ●                      |            | ●             |            |                                        |
| RG6                  |                        | ●          |               | ●          | ●                                      |
| RG6 QUAD SHIELD      |                        | ●          |               | ●          |                                        |
| Universal Sleeve     | ●                      | ●          | ●             | ●          |                                        |
| Outdoor Use          |                        |            |               |            | ●                                      |
| Cat. Nos:            |                        |            |               |            |                                        |
| Pack Size: 10        | VDV812-615             | VDV812-606 | VDV813-616    | VDV813-607 | VDV812-623                             |
| Pack Size: 35        |                        |            | VDV813-619    | VDV813-613 |                                        |
| Pack Size: 50        | VDV812-618             | VDV812-612 |               |            | VDV812-624                             |
| Klein Crimping Tools | VDV211-063, VDV211-048 |            |               |            | VDV211-063, VDV211-048, VDV212-008-SEN |

### Universal Compression Connectors

- Fit all manufacturers' diameter variations within a cable series
- Fit difficult to work with multi-shield and plenum cables
- For indoor use only

**F • RG59**



VDV812-615

**F • RG6-RG6Q**



VDV812-606

**BNC • RG59**



VDV813-616

**BNC • RG6-RG6Q**



VDV813-607

| Cat. No.   | Connector Type | Cable Type | Package Quantity |
|------------|----------------|------------|------------------|
| VDV812-615 | F-Connector    | RG59       | 10               |
| VDV812-618 | F-Connector    | RG59       | 50               |
| VDV812-606 | F-Connector    | RG6/6Q     | 10               |
| VDV812-612 | F-Connector    | RG6/6Q     | 50               |
| VDV813-616 | BNC Connector  | RG59       | 10               |
| VDV813-619 | BNC Connector  | RG59       | 35               |
| VDV813-607 | BNC Connector  | RG6/6Q     | 10               |
| VDV813-613 | BNC Connector  | RG6/6Q     | 35               |

### Standard Compression Connectors

- Full ferrule design
- Solid brass construction with nickel-plated finish
- Best choice for outdoors
- Great for satellite dishes



VDV812-623

| Cat. No.   | Connector Type | Cable Type | Package Quantity |
|------------|----------------|------------|------------------|
| VDV812-623 | F-Connector    | RG6        | 10               |
| VDV812-624 | F-Connector    | RG6        | 50               |

### Push-On Connectors

- Patented, tool-less, easy grip design
- Fits most major brands
- For indoor use only



VDV812-627

| Cat. No.   | Connector Type | Crimping Type | Cable Type | Package Quantity |
|------------|----------------|---------------|------------|------------------|
| VDV812-627 | F-Connector    | Push-on       | RG6/6Q     | 10               |

### F-Splice Adapter 3 GHz

- Patented gripping mechanism for optimal signal strength



VDV814-609

| Cat. No.   | Description            | Package Quantity |
|------------|------------------------|------------------|
| VDV814-609 | F-Splice Adapter 3 GHz | 10               |



## Twisted Pair Connectors



Klein's data and telephone plugs are professional-grade and deliver consistent, reliable performance.

They feature thick 50 micro-inch gold plating on the contact plates, three-pronged solid and stranded wire contacts, and durable connector housings. Expect a sure connection each and every time.



| Connector Type                      | UY                          | UR         | RJ11                       | RJ11       | RJ45       |            |
|-------------------------------------|-----------------------------|------------|----------------------------|------------|------------|------------|
| Position & Contacts                 | 2P2C                        | 3P3C       | 6P4C                       | 6P6C       | 8P8C       |            |
| Connector Design                    | 1-Piece                     | 1-Piece    | 1-Piece                    | 1-Piece    | 1-Piece    | 3-Piece    |
| Gold Plating Thickness (micro-inch) |                             |            | 50µ"                       | 50µ"       | 50µ"       | 50µ"       |
| Cable Type:                         |                             |            |                            |            |            |            |
| CAT 3                               | ●                           | ●          | ●                          | ●          |            |            |
| CAT 5                               |                             |            |                            |            | ●          |            |
| CAT 5e                              |                             |            |                            |            | ●          |            |
| CAT 6                               |                             |            |                            |            |            | ●          |
| Solid Conductor Wire                | ●                           | ●          | ●                          | ●          | ●          | ●          |
| Stranded Conductor Wire             |                             |            |                            |            | ●          | ●          |
| Connector Color                     | Yellow                      | Red        | Clear                      | Clear      | Clear      | Clear      |
| Cat. No.                            |                             |            |                            |            |            |            |
| Pack Size: 10                       |                             |            |                            |            | VDV826-628 |            |
| Pack Size: 25                       | VDV826-604                  | VDV826-605 | VDV826-601                 | VDV826-600 |            | VDV826-603 |
| Pack Size: 50                       |                             |            |                            |            | VDV826-602 |            |
| Pack Size: 100                      |                             |            |                            |            | VDV826-611 |            |
| Crimping Type                       | IDC                         |            | Modular Plug Connector     |            |            |            |
| Klein Crimping Tools                | D234-6, D234-6C, VDV026-049 |            | VDV226-011-SEN, VDV226-107 |            |            |            |

## RJ45 Modular Data Plugs

- 8 position 8 contact
- For solid or stranded conductors

| Cat. No.   | Connector Type | Cable Type   | Connector Color | Package Quantity |
|------------|----------------|--------------|-----------------|------------------|
| VDV826-628 | RJ45           | CAT 5/CAT 5e | Clear           | 10               |
| VDV826-602 | RJ45           | CAT 5/CAT 5e | Clear           | 50               |
| VDV826-611 | RJ45           | CAT 5/CAT 5e | Clear           | 100              |
| VDV826-603 | RJ45           | CAT 6        | Clear           | 25               |



VDV826-628  
(CAT 5 / CAT 5e)



VDV826-603  
(CAT 6)

## RJ11 Telephone Plugs

- 6 position 4 contact for 1 or 2 line telephones
- 6 position 6 contact for 1, 2 or 3 line telephones



6P4C



6P6C



VDV826-600

| Cat. No.   | Connector Type | Position & Contacts | Connector Color | Package Quantity |
|------------|----------------|---------------------|-----------------|------------------|
| VDV826-601 | RJ11           | 6P4C                | Clear           | 25               |
| VDV826-600 | RJ11           | 6P6C                | Clear           | 25               |

## Insulation Displacement Connectors

- Insulation displacement connector to add or terminate a telephone line
- Gel-filled for moisture resistance



VDV826-604  
2 wire (26-22 AWG)



VDV826-605  
3 wire (26-19 AWG)

| Cat. No.   | Connector Type | Position & Contacts | Connector Color | Package Quantity |
|------------|----------------|---------------------|-----------------|------------------|
| VDV826-604 | UY             | 2P2C                | Yellow          | 25               |
| VDV826-605 | UR             | 3P3C                | Red             | 25               |



## Voice/Data/Video Tool Kits

### VDV ProTech™ Kits

- For data and coaxial cable installations



VDV026-831



VDV011-832



VDV001-833

| Cat No.    | Product                                                                                                                            | Description                                                                                                                                                                        | VDV026-831        | VDV011-832        | VDV001-833        |
|------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|
| VDV000-133 |  VDV ProTech™ Transport                           | Lightweight tool case with 12 organizational compartments for small parts and a large, open section to hold hand tools                                                             | ●                 | ●                 | ●                 |
| VDV826-600 |  Telephone Plug - RJ11 - 6P6C                     | Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – for 1, 2 or 3 line telephones                                                                        | ●<br>25 pack      |                   | ●<br>25 pack      |
| VDV826-603 |  Modular Data Plug – RJ45 - CAT6                  | Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – 8 position, 8 contact 3-piece design for solid and stranded wire                                     | ●<br>25 pack      |                   | ●<br>25 pack      |
| VDV826-628 |  Modular Data Plug – RJ45 - CAT5e                 | Thick 50 micro-inch gold-plated and 3-pronged contacts with durable housing – 8 position, 8 contact for solid or stranded wire                                                     | ●<br>10 pack (x2) |                   | ●<br>10 pack (x2) |
| VDV812-606 |  Universal F Compression Connector – RG6/6Q       | Patented universal sleeve technology installs up to 5X faster and fits all diameter variations of RG6/6Q cable                                                                     |                   | ●<br>10 pack (x2) | ●<br>10 pack (x2) |
| VDV812-615 |  Universal F Compression Connector – RG59       | Patented universal sleeve technology installs up to 2X faster and fits all diameter variations of RG59 cable                                                                       |                   | ●<br>10 pack      | ●<br>10 pack      |
| VDV812-623 |  F Compression Connector – RG6                  | All metal construction with dual O-ring to seal out moisture – satellite provider approved                                                                                         |                   | ●<br>10 pack (x2) | ●<br>10 pack (x2) |
| VDV813-607 |  Universal BNC Compression Connector – RG6/6Q   | Patented universal sleeve technology installs up to 5X faster and fits all diameter variations of RG6/6Q cable                                                                     |                   | ●<br>10 pack      | ●<br>10 pack      |
| VDV813-616 |  Universal BNC Compression Connector – RG59     | Patented universal sleeve technology installs up to 2X faster and fits all diameter variations of RG59 cable                                                                       |                   | ●<br>10 pack      | ●<br>10 pack      |
| 2100-8     |  Free-Fall Snip – Stainless Steel               | Stainless steel blades maintain blade durability and sharpness when cutting 19 and 23 AWG wire                                                                                     | ●                 |                   | ●                 |
| VDV226-107 |  Compact Ratcheting Modular Crimper             | All inclusive tool cuts, strips and crimps data cables and modular data plugs                                                                                                      | ●                 |                   | ●                 |
| VDV211-048 |  Compression Crimper – Compact, Multi-Connector | Crimps compression (F, BNC, RCA) connectors to coaxial cable                                                                                                                       |                   | ●                 |                   |
| VDV211-063 |  Compression Crimper-Lateral, Multi-Connector   | One tool crimps most compression (F, BNC, RCA) connectors to most coaxial cables including Mini-Coax, RG58, RG59, RG62, RG6Q, RG7 and RG11                                         |                   |                   | ●                 |
| VDV110-061 |  Coax Cable Stripper – 2-Level, Radial          | Provides one step, two-level stripping: 5/16" (7.9 mm) and 1/4" (6.4 mm)                                                                                                           |                   | ●                 | ●                 |
| 63020      |  Multi-Cable Cutter Klein-Kurve™                | Cutter has a wide range of blades designed to cut various types of cable including solid and stranded copper wire, RG-59, RG6Q and RG-62 coaxial cable as well as other conductors |                   | ●                 |                   |
| VDV600-096 |  Coaxial Cable Cutter – CCS                     | Cutter features a custom notch for CCS coaxial cable and standard shears for general purpose of cable including RG59, RG6, RG6Q RG7, RG11 and Twisted pair copper wire.            |                   |                   | ●                 |



## Voice/Data/Video Tool Kits

### Coax Installer Starter Kit-F-Connectors

- Includes the tools needed to prepare and connect F-connectors
- Durable nylon tool pouch designed specifically for F-connector installation tools
- Additional pocket holds a screwdriver or common AA battery flashlights
- Pouch includes a closeable pocket that will hold up to 25 compression F-connectors (F-connectors not included)
- Tunnel-loop accommodates up to 2" belt



| Cat. No.       | Kit Contains                                                | Weight             |
|----------------|-------------------------------------------------------------|--------------------|
| VDV012-811     |                                                             | 1.4 lbs. (0.64 kg) |
| Cat. No.       | Description                                                 |                    |
| 63020          | Multi-Cable Cutter Klein-Kurve®                             |                    |
| VDV110-802-SEN | Radial Cartridge Stripper                                   |                    |
| VDV212-008-SEN | Compression Crimper Compact, F-Connector                    |                    |
| kit exclusive  | 5-pocket nylon tool pouch plus closeable consumables pocket |                    |



VDV012-811

### LAN Installer Starter Kit - Modular

- Includes the tools needed to prepare, connect and test modular cables
- Durable nylon tool pouch designed specifically for modular plug installation tools
- Two additional pockets hold a screwdriver and common AA battery flashlights
- Pouch includes a closeable pocket that will hold up to 25 RJ45 plugs (RJ45 plugs not included)
- Tunnel-loop accommodates up to 2" belt



| Cat. No.       | Kit Contains                                                | Weight             |
|----------------|-------------------------------------------------------------|--------------------|
| VDV026-812     |                                                             | 1.5 lbs. (0.68 kg) |
| Cat. No.       | Description                                                 |                    |
| 2100-8         | Free-Fall Snip Stainless Steel                              |                    |
| VDV226-011-SEN | Ratcheting Modular Crimper/Stripper                         |                    |
| VDV526-052     | LAN Scout Jr. Tester                                        |                    |
| 98554          | Fine Point Permanent Markers                                |                    |
| kit exclusive  | 5-pocket nylon tool pouch plus closeable consumables pocket |                    |



VDV026-812

### LAN Installer Starter Kit - Punchdown

- Includes the tools needed to prepare and connect 66 type and 110 type punchdown terminal blocks
- Durable nylon tool pouch designed specifically for punchdown installation tools
- Two additional pockets hold a screwdriver and common AA battery flashlights
- Tunnel-loop accommodates up to 2" belt



| Cat. No.       | Kit Contains                           | Weight           |
|----------------|----------------------------------------|------------------|
| VDV027-813     |                                        | 14.1 oz. (399 g) |
| Cat. No.       | Description                            |                  |
| 2100-8         | Free-Fall Snip Stainless Steel         |                  |
| VDV427047      | PUNCHDOWN MULTI-TOOL CHASSIS           |                  |
| VDV427-015-SEN | Punchdown Tool Blade 110 Type          |                  |
| VDV427-104     | Dura-Blade™ 110/66 Cut Punchdown Blade |                  |
| 98554          | Fine Point Permanent Markers           |                  |
| kit exclusive  | 4-pocket nylon tool pouch              |                  |



VDV027-813



## Voice/Data/Video Tool Kits

### Coax Installation & Test Kit

- Includes tools needed to prepare, connect and test coax cables
- Coax Cable Stripper 2-Level, Radial: Designed for easy single operation cable preparations
- Compression Crimper Compact F-Connector: Crimps compression F-connectors to coaxial cable quickly and reliably
- Coax Explorer™ Tester: Compact tool tests and verifies coaxial cable connections (good/open/short)
- Universal F-Compression Connectors - RG6 / RG6-QS: Patented universal sleeve connectors install up to 5X faster

| Cat. No.       | Kit Contains                                   | Weight             |
|----------------|------------------------------------------------|--------------------|
| VDV002-818     |                                                | 1.1 lbs. (0.50 kg) |
| Cat. No.       | Description                                    |                    |
| VDV212-008-SEN | Compression Crimper Compact, F-Connector       |                    |
| VDV110-061     | Coax Cable Stripper 2-Level, Radial            |                    |
| VDV512-057     | Coax Explorer Tester                           |                    |
| VDV812-606     | Universal F Compression Connector RG6/6Q Pk 10 |                    |



VDV002-818

### Coax Push-On Connector Installation & Test Kit

- Includes tools needed to prepare, connect and test push-on coax cables
- Coax Cable Stripper 2-Level, Radial: Designed for easy single operation cable preparations
- Coax Explorer™ Tester: Compact tool tests and verifies coaxial cable connections (good/open/short)
- Push-On F-Connectors - RG6 / RG6-QS: Tool-less, patented cable grip design for easy installation and strong hold

| Cat. No.   | Kit Contains                        | Weight          |
|------------|-------------------------------------|-----------------|
| VDV002-820 |                                     | 4.5 oz. (128 g) |
| Cat. No.   | Description                         |                 |
| VDV110-061 | Coax Cable Stripper 2-Level, Radial |                 |
| VDV512-057 | Coax Explorer Tester                |                 |
| VDV812-627 | F Connector RG6/6Q Male Pk 10       |                 |



VDV002-820

### Modular Installation Kit

- Includes tools needed to prepare and connect modular cables
- Ratcheting Modular Crimper/Stripper: All-in-one tool cuts, strips and crimps paired-conductor cables (RJ11 / RJ12, RJ22, RJ45)
- Modular Data Plug - RJ45 - CAT5e: Thick 50 micro-inch gold plating and 3-pronged contacts with durable housing - 8 position, 8 contact for data cables
- Telephone Plug - RJ11 - 6P6C: Thick 50 micro-inch gold plating and 3-pronged contacts with durable housing - for 1, 2 or 3 line telephones

| Cat. No.       | Kit Contains                           | Weight           |
|----------------|----------------------------------------|------------------|
| VDV226-817     |                                        | 12.2 oz. (345 g) |
| Cat. No.       | Description                            |                  |
| VDV226-011-SEN | Ratcheting Modular Crimper/Stripper    |                  |
| VDV826-628     | Modular Data Plug, RJ45, CAT5e 10 Pk   |                  |
| kit exclusive  | Telephone Plug - RJ11 - 6P6C (10 pack) |                  |



VDV226-817



## Voice/Data/Video Test & Measurement

### VDV Commander™

- VDV Commander™ Series locates, tests and measures coaxial, data (RJ45) and telephone (RJ11) cables
- Measure cable length and distance to a fault with Time Domain Reflectometry (TDR) technology
- Locate and identify cables with location ID remotes, Test-n-Map™ remotes, Link Light and Tone Generator\*
- Detect, identify and test Power over Ethernet (PoE)
- Perform active network (Ethernet) testing
- Save up to 256 cable or network tests and export to print reports
- Cat. No. VDV501-828: 1 Commander™ tester • Test-n-Map™ Remote #1 • 5 LanMap™ ID Remotes • 5 CoaxMap™ ID remotes • 1 test cable each for USB, RJ12 and RJ45 • 1 coax adapter • carrying case
- Cat. No. VDV501-829: 1 Commander™ tester • Test-n-Map™ Remote #1 • 1 PROBEplus Tone Tracing Probe • 20 LanMap™ ID Remotes • 20 CoaxMap™ ID remotes • 1 test cable each for USB, RJ12 and RJ45 • 1 coax adapter • carrying case



VDV501-828



VDV501-829



| Cat. No.   | Batteries                                                                 | Battery Life                                                                                   | Height                 | Width                 | Depth                 | Weight              |
|------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------|-----------------------|-----------------------|---------------------|
| VDV501-828 | 6 AA Alkaline Included                                                    | 20 Hours Active<br>10 Years Standby                                                            | 6-51/64"<br>(172.6 mm) | 3-19/32"<br>(91.3 mm) | 1-27/32"<br>(46.9 mm) | 12.0 oz.<br>(340 g) |
| VDV501-829 | Commander:<br>6 AA Alkaline Included;<br>Probe:<br>1 9V Alkaline Included | Commander:<br>20 Hours Active<br>10 Years Standby<br>Probe: 25 Hours Active<br>4 Years Standby | 6-51/64"<br>(172.6 mm) | 3-19/32"<br>(91.3 mm) | 1-27/32"<br>(46.9 mm) | 12.0 oz.<br>(340 g) |

\*Functionality requires analog probe VDV500-060 (included with Cat. No. VDV501-829)

### Features

|                                                                                     |                                                                                            |                   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------|
|    | RJ-45 8-Wire Cables                                                                        | ●                 |
|    | F-connector Coaxial Cables                                                                 | ●                 |
|    | Telephone Cables                                                                           | with adapter      |
|    | Wiremap                                                                                    | ●                 |
|    | Open Fault                                                                                 | ●                 |
|    | Short Fault                                                                                | ●                 |
|    | Miswire Fault                                                                              | ●                 |
|    | Split-Pair Fault                                                                           | ●                 |
| <b>Pass</b>                                                                         | TIA-568A/B & Crossover/Uplink                                                              | ●                 |
|    | Active Ethernet<br>Detects link speed and capabilities to 1 Gbps                           | ●                 |
|    | Single-End Cable Testing                                                                   | ●                 |
|    | Test-n-Map™ Remote (Two End Testing)<br>Test and Identify location in one step with remote | supports up to 8  |
|    | Power Over Ethernet Testing                                                                | ●                 |
| <b>TDR</b>                                                                          | Time Domain Reflectometry<br>Length Measurement Method                                     | ●                 |
|    | Measures Cable Length                                                                      | 1500 ft. / 457 m  |
| $\pm(5\% + 1 \text{ Ft.})$<br>$\pm(5\% + 0.3 \text{ m})$                            | Accuracy/ Measurement Resolution                                                           | ●                 |
|    | Link Light                                                                                 | ●                 |
| <b>ID</b>                                                                           | Cable Identification                                                                       | supports up to 20 |
|    | Shield Detection                                                                           | ●                 |
|    | Voltage Warning                                                                            | ●                 |
|    | Low Battery Indicator                                                                      | ●                 |
|    | Store Test Results                                                                         | 256               |
|    | Print / Export Custom Reports                                                              | ●                 |
|    | Multiple-style Tone Generator*<br>Down to Single Conductor/Pair/Cable                      | 4                 |
|    | Color LCD Display                                                                          | 2.7"              |
|    | Multiple Languages                                                                         | ENG · ESP · FRA   |
| <b>Ft./m</b>                                                                        | Imperial or Metric Results                                                                 | ●                 |
| <b>Apo</b>                                                                          | Auto Power Off                                                                             | ●                 |
|   | Customizable Setup                                                                         | ●                 |
|  | USB interface (for PC connection)                                                          | <b>MICRO</b>      |
|  | Upgradable Firmware<br>(via internet download & pc connection)                             | ●                 |

### VDV Commander™ Test-n-Map™ Remote Kit

- Maximize your VDV Commander™ with single-step Test-n-Map™ Remotes
- Test, map and identify a location in a single step
- Cuts testing and identification time in half
- Test and identify up to eight locations at once

Tester sold separately



| Cat. No.   | Test-n-Map™ Remotes | Coax F-Adapters | RJ45 jumper test cable | RJ11/RJ12 jumper cable | Verification Cables | Weight              |
|------------|---------------------|-----------------|------------------------|------------------------|---------------------|---------------------|
| VDV770-834 | 7                   | 8               | (8) 9" (228.6 mm)      | (2) 9" (228.6 mm)      | 1                   | 23.0 oz.<br>(652 g) |



VDV770-834



## Voice/Data/Video Test & Measurement

# VDV Scout™ Pro 2 Series



|                                           | VDV Scout™<br>Pro 2                           | VDV Scout™<br>Pro 2 LT   |
|-------------------------------------------|-----------------------------------------------|--------------------------|
|                                           | VDV501-823<br>VDV501-824                      | VDV501-825<br>VDV501-826 |
| Features                                  |                                               |                          |
| Tests RJ45 8-wire cables                  | •                                             | •                        |
| Tests RJ11/12 6-wire cables               | •                                             | •                        |
| Tests F-connector coaxial cables          | •                                             | •                        |
| Continuity testing                        | •                                             | •                        |
| <b>Pass</b> TIA-568A/B & crossover/uplink | •                                             | •                        |
| 1 2 3 4 Wiremap                           | •                                             | •                        |
| Detects open faults                       | •                                             | •                        |
| Detects short faults                      | •                                             | •                        |
| Detects miswires                          | •                                             | •                        |
| Detects split pairs                       | •                                             | •                        |
| <b>Measures cable length</b>              | —                                             | •                        |
| Test-n-Map™ Remotes                       | <b>Supports up to 8</b>                       | <b>Supports up to 8</b>  |
| <b>ID</b>                                 | Twisted-pair (RJ45) cable ID location remotes | <b>Supports up to 19</b> |
|                                           | Coaxial F-connector cable ID location remotes | <b>Supports up to 19</b> |
| Multiple-style Tone Generator             | <b>4 Tones</b>                                | <b>4 Tones</b>           |
| Low battery indicator                     | •                                             | •                        |
| Voltage warning                           | •                                             | •                        |
| Shield detection                          | •                                             | •                        |
| <b>Apo</b> Auto power off                 | •                                             | •                        |



VDV501-825  
VDV501-826



VDV501-824



VDV501-823



Top View: RJ45, RJ11/12 and F-connector ports



VDV501-823  
Self Storing Remote



VDV501-824, VDV501-825 and VDV501-826 Test-n-Map™ Self Storing Remote

## Maximize your VDV Scout™ Pro with Test-n-Map™ Remotes

- Test, map and identify a location in a single step
- Cuts testing and identification time in half
- Test and identify up to eight locations at once

### Test-n-Map™ Remote Kit Compatibility Chart

| Cat. No.   | Description                | Kit No.                | Button Color | Compatibility |
|------------|----------------------------|------------------------|--------------|---------------|
| VDV501-098 | VDV Scout™ Pro 2 Tester    | VDV501-823, VDV501-824 | Blue         | YES           |
| VDV501-108 | VDV Scout™ Pro 2 LT Tester | VDV501-825, VDV501-826 | Red          | YES           |
| VDV501-053 | VDV Scout™ Pro Tester      | VDV501-809             | Black        | NO            |



See page 310 for additional information on warnings.



**WARNING:** Do NOT use on energized circuits or cabling systems.

## Voice/Data/Video Test & Measurement

### VDV Scout™ Pro 2 Series

- Tests continuity on voice (RJ11/12), data (RJ45) and video (F-connector) connections
- Locates cable runs to wall outlets with location ID remotes
- Compatible with single-step Test-n-Map™ Remotes
- Supports multiple tones and control of pins carrying tone with integrated tone generator†
- Measures cable length in feet or meters (**LT** models only) †Requires analog tone probe — sold separately



VDV501-824



VDV501-823



VDV501-825



VDV501-826



VDV770-827

| Items Included                                           | Cat.No. | VDV Scout™ Pro 2 Tester Kit | VDV Scout™ Pro 2 Tester & Test-n-Map™ Remote Kit | VDV Scout™ Pro 2 <b>LT</b> Tester & Remote Kit | VDV Scout™ Pro 2 <b>LT</b> Tester & Test-n-Map™ Remote Kit | VDV Scout™ Pro 2 Test-n-Map™ Remote Kit |
|----------------------------------------------------------|---------|-----------------------------|--------------------------------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------|
|                                                          |         | VDV501-823                  | VDV501-824                                       | VDV501-825                                     | VDV501-826                                                 | VDV770-827                              |
| VDV Scout™ Pro 2 Tester                                  |         | VDV501-098                  | VDV501-098                                       | —                                              | —                                                          | —                                       |
| VDV Scout™ Pro 2 <b>LT</b> Tester                        |         | —                           | —                                                | VDV501-108                                     | VDV501-108                                                 | —                                       |
| Test-n-Map™ Remotes                                      |         | —                           | <b>8</b>                                         | <b>1</b>                                       | <b>8</b>                                                   | <b>8</b>                                |
| LanMap™ Cable Identification Location Remotes            |         | <b>5</b>                    | —                                                | <b>19</b>                                      | —                                                          | —                                       |
| CoaxMap™ Cable Identification Location Remotes           |         | <b>5</b>                    | —                                                | <b>19</b>                                      | —                                                          | —                                       |
| Coax barrel F adapter (female to female)                 |         | <b>1</b>                    | <b>1</b>                                         | <b>1</b>                                       | <b>1</b>                                                   | —                                       |
| Coax push-on F adapter (threaded male to push-on female) |         | —                           | <b>8</b>                                         | —                                              | <b>8</b>                                                   | <b>8</b>                                |
| RJ45 jumper test cable (9")                              |         | —                           | <b>8</b>                                         | —                                              | <b>8</b>                                                   | <b>8</b>                                |
| 9V battery                                               |         | ●                           | ●                                                | ●                                              | ●                                                          | —                                       |
| Carrying case                                            |         | —                           | ●                                                | ●                                              | ●                                                          | ●                                       |
| <b>Dimensions</b>                                        |         |                             |                                                  |                                                |                                                            |                                         |
| Height                                                   |         | 2.75" (70 mm)               | 9" (229 mm)                                      | 9" (229 mm)                                    | 9" (229 mm)                                                | 9" (229 mm)                             |
| Width                                                    |         | 6.3" (160 mm)               | 13" (330 mm)                                     | 11.5" (292 mm)                                 | 13" (330 mm)                                               | 13" (330 mm)                            |
| Depth                                                    |         | 1.38" (35 mm)               | 4.375" (111 mm)                                  | 2" (51 mm)                                     | 4.375" (111 mm)                                            | 4.375" (111 mm)                         |
| Weight                                                   |         | 13 oz. (369 g)              | 63 oz. (1786 g)                                  | 34 oz. (964 g)                                 | 63 oz. (1786 g)                                            | 56 oz. (1588 g)                         |



## Voice/Data/Video Test & Measurement

### LanMap™ Kit for VDV Scout™ Pro Series Tester

- Identify and map twisted-pair (RJ45) infrastructure, up to 19 locations
- For use with VDV Scout™ Pro Series and VDV Commander™ testers
- Heavy-duty design for long life and repeated connections
- Remotes numbered 1 through 19 for fast and accurate identification



| Cat. No.   | Height       | Width              | Depth              | Weight         |
|------------|--------------|--------------------|--------------------|----------------|
| VDV526-055 | 3" (76.2 mm) | 3-19/64" (83.7 mm) | 1-13/32" (35.6 mm) | 1.9 oz. (54 g) |



VDV526-055

### CoaxMap™ Kit for VDV Scout™ Pro Series Tester

- Identify and map coaxial (F-connector) cable infrastructure, up to 19 locations
- For use with VDV Scout™ Pro Series and VDV Commander™ testers
- Heavy-duty design for long life and repeated connections
- Remotes numbered 1 through 19 for fast and accurate identification



| Cat. No.   | Height       | Width              | Depth        | Weight          |
|------------|--------------|--------------------|--------------|-----------------|
| VDV512-056 | 3" (76.2 mm) | 3-19/64" (83.7 mm) | 1" (25.4 mm) | 5.2 oz. (147 g) |



VDV512-056

### VDV Scout™ Pro Series Carrying Case

- Custom designed compartments hold tester and accessories securely
- Dual zipper-pulls for quick access and EVA foam to cushion and protect
- Flexible case can accommodate various products and configurations
- Designed for use with VDV Scout™ Pro Series, LanMap™ and CoaxMap™ Kits



VDV770-080

Products not included

| Cat. No.   | Height             | Width             | Depth            | Weight           |
|------------|--------------------|-------------------|------------------|------------------|
| VDV770-080 | 11-1/2" (292.1 mm) | 8-3/4" (222.3 mm) | 2-1/4" (57.2 mm) | 15.0 oz. (425 g) |



## Voice/Data/Video Test & Measurement

### LAN Scout™ Jr. Tester

- Tests continuity on twisted pair data wiring (RJ45) connections
- Integrated tone generator supports multiple tones and control of individual wires carrying tone
- Heavy-duty ports are designed for long life and repeated connections
- Large display for easy identification
- Compact, contoured dual-material chassis fits comfortably in your hand

| Features                                  | VDV526-052 |
|-------------------------------------------|------------|
| RJ45 8-wire Cables                        | ●          |
| Continuity Testing                        | ●          |
| <b>Pass</b> TIA-568A/B & Crossover/Uplink | ●          |
| <b>LED</b> LCD Display                    | ●          |
| Wiremap                                   | ●          |
| Open Fault                                | ●          |
| Short Fault                               | ●          |
| Miswire Fault                             | ●          |
| Split Pair Fault                          | ●          |
| Multiple Style Tone Generator             | <b>4</b>   |
| Self-Storing Remote                       | ●          |
| Low Battery                               | ●          |
| <b>Apo</b> Auto Power Off                 | ●          |
| Voltage Warning                           | ●          |
| Shield Detection                          | ●          |



RJ45 Port



Self Storing Remote



VDV526-052



| Cat. No.   | Batteries               | Height              | Width              | Depth             | Weight          |
|------------|-------------------------|---------------------|--------------------|-------------------|-----------------|
| VDV526-052 | 6V to 4 x Lr44 Alkaline | 4-39/64" (117.1 mm) | 2-19/64" (58.3 mm) | 1-7/64" (28.2 mm) | 4.0 oz. (113 g) |

### Coax Explorer™ Testers

- Tests and verifies coaxial cable continuity
- Compact size fits easily into pocket or pouch
- Bright LED indicates cable status (good/open/short)
- Simple push-button operation
- Cat. No. VDV512-058 includes color coded remotes and a convenient remote holder to test up to 4 locations at once



VDV512-058



| Cat. No.   | Location ID | Batteries               | Height              | Width             | Depth            | Weight         |
|------------|-------------|-------------------------|---------------------|-------------------|------------------|----------------|
| VDV512-058 | 4           | Lithium Non-Replaceable | 5-39/64" (142.5 mm) | 1-3/32" (27.8 mm) | 1-1/4" (44.5 mm) | 3.3 oz. (95 g) |
| VDV512-057 | 1           | Lithium Non-Replaceable | 2-45/64" (68.7 mm)  | 1-3/32" (27.8 mm) | 45/64" (17.9 mm) | 1.3 oz. (37 g) |



VDV512-057



## Voice/Data/Video Test & Measurement

### PROBEplus-Tone Tracing Probe

- Trace wire paths and identify cables in common wiring systems
- Amplifier overload LED improves accuracy, warning against misreads
- Dual mode power button with Power-On LED indicator - tap or hold
- Recessed buttons prevent accidental operation
- Works with other manufacturers' analog tone generators
- Replacement tips available (Cat. No. VDV999-065)



VDV500-060

| Features                                  | VDV500-060 |
|-------------------------------------------|------------|
| <b>O.L.</b> Amplifier Overload Indication | ●          |
| Adjustable Digital Volume Control         | ●          |
| Tap-Mode Operation                        | ●          |
| Hold-Mode Operation                       | ●          |
| Power-On LED Indicator                    | ●          |
| Visual Notification                       | ●          |
| <b>Apo</b> Auto Power-Off                 | ●          |
| Low Battery Indicator                     | ●          |
| Replaceable Tip                           | ●          |
| Lanyard Attachment Loop                   | ●          |



| Cat. No.   | Battery         | Battery Life                    | Height              | Width        | Depth             | Weight          |
|------------|-----------------|---------------------------------|---------------------|--------------|-------------------|-----------------|
| VDV500-060 | 9V Not Included | 25 Hours Active 4 Years Standby | 9-29/32" (251.6 mm) | 2" (50.8 mm) | 1-9/64" (29.0 mm) | 6.0 oz. (170 g) |

### TONEcube-Tone Generator

- Trace wire paths and identify cables in common wiring systems
- Five discrete tracing tones selected by tone switch
- Constant output level over useful battery life
- Momentary slide switches prevent accidental operation
- Heavy-duty leads with rugged dual-mode modular plug for direct connection to RJ11/RJ12 and RJ45 jacks via RJ12 plug
- Works with other manufacturers' analog tone probes



VDV500-051

| Features                                     | VDV500-051 |
|----------------------------------------------|------------|
| Tones                                        | <b>5</b>   |
| Heavy-Duty Leads                             | ●          |
| Rugged Universal RJ11/RJ12/RJ45 Modular Plug | ●          |
| Continuity Testing                           | ●          |
| <b>O.L.</b> Voltage Overload Protection      | ●          |
| <b>+/-</b> Line Status & Polarity            | ●          |
| Power-On Flashing LED Indicator              | ●          |
| <b>Apo</b> Auto Power-Off                    | ●          |
| Low Battery Indicator                        | ●          |
| Lanyard Attachment Loop                      | ●          |



| Cat. No.   | Battery         | Battery Life                     | Height              | Width            | Depth              | Weight          |
|------------|-----------------|----------------------------------|---------------------|------------------|--------------------|-----------------|
| VDV500-051 | 9V Not Included | 120 Hours Active 4 Years Standby | 2-45/645" (68.7 mm) | 2-1/2" (63.5 mm) | 1-27/64" (36.1 mm) | 5.0 oz. (142 g) |

### TONEcube & PROBEplus Kit

- Trace wire paths and identify cables in common wiring systems
- Batteries not included



| Cat. No.      | Kit Contains                 | Weight           |
|---------------|------------------------------|------------------|
| VDV500-808    |                              | 16.0 oz. (454 g) |
| Cat. No.      | Description                  |                  |
| VDV500-051    | TONEcube Tone Generator      |                  |
| VDV500-060    | PROBEplus Tone Tracing Probe |                  |
| kit exclusive | nylon pouch                  |                  |



VDV500-808



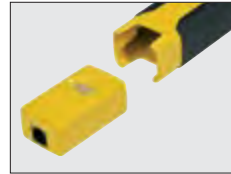
## Voice/Data/Video Test & Measurement

### TraceAll™ Tone & Probe

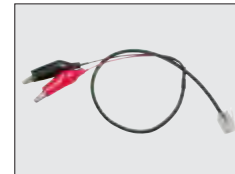
- Trace wire paths and identify cables in common wiring systems
- Heavy-duty RJ11 jack on tone generator for long life and repeated connections
- Includes RJ11 adapter to convert tone generator to an alligator-clip configuration
- Dual material chassis fits comfortably in your hand
- Replacement tips available (Cat. No. VDV999-059)



VDV526-054



Self Storing Remote



Adapter



| Features                                                                          |                     | VDV526-054 |
|-----------------------------------------------------------------------------------|---------------------|------------|
|  | Tone Generator      | 2          |
|  | Adjustable Volume   | ●          |
|  | Self-Storing Remote | ●          |
| <b>Apo</b>                                                                        | Auto Power-Off      | ●          |
|  | Replaceable Tip     | ●          |

| Cat. No.   | Batteries                     | Battery Life                          | Height              | Width              | Depth              | Weight          |
|------------|-------------------------------|---------------------------------------|---------------------|--------------------|--------------------|-----------------|
| VDV526-054 | 6V 4 x LR44 Alkaline Included | Tracer: 10 Hours, Generator: 50 Hours | 8-57/64" (225.8 mm) | 1-45/64" (43.3 mm) | 1-13/64" (30.6 mm) | 5.0 oz. (142 g) |

### VDV Ranger™ TDR Kit

- Test and measure cable with the latest technology
- Time Domain Reflectometry Spread Spectrum (TDR-SS) Technology provides superior accuracy up to +/- (1% + 3 ft.) by eliminating interference when measuring cable
- TDR-SS technology broadens TDR environments by operating in Safety Extra Low Voltage (SELV) rated environments as defined by IEC. (SELV is 60 volts DC or Peak AC - 45 volts RMS)
- Measure paired-conductor cable length up to 3,000 ft. (914 m) including voice, data, video, doorbell, siamese, lamp-wire and NM cables
- Determine if cable run is broken or damaged
- Ensure compliance and identify cable runs outside specification
- The Tone Generator traces and identifies cables. Four tone cadences available†
- Measure cable remaining in box or on a reel
- Simplify cable estimating and bill jobs more accurately
- Adapter cord set includes BNC to F-connector adapter, F-connector adapter, insulated push-on F-connector to alligator clips, insulated BNC connector to alligator clips and insulated push-on F-connector to RJ45 modular plug



VDV501-815



| Features                                             |                                                                                     | VDV501-815                |
|------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|
| Interface                                            |  | Multi-Adapter Set         |
| Measures Cable Length                                |  | ●                         |
| Length Measurement Method                            | <b>TDR-SS</b><br>Spread Spectrum<br>Time Domain Reflectometry                       | ●                         |
| Accuracy & Resolution Measurement                    | ±(1% + 3 ft.) ± (1% + 1 m)                                                          | ●                         |
| <b>Maximum Cable Length</b>                          |                                                                                     | 3,000 ft. / 914 m         |
| Common Cable Length Ranges Must be paired conductors |                                                                                     |                           |
| RJ45 8-Cables                                        |  | 0 - 1,500 Ft. (457 m)     |
| Coaxial Cable                                        |  | 0 - 2,000 Ft. (609 m)     |
| Electrical Cable                                     |  | 0 - 1,000 Ft. (305 m)     |
| Imperial & Metric Results                            | <b>Ft./m</b>                                                                        | ●                         |
| On-Board Calibration Memory                          | <b>MEM</b>                                                                          | 2 Storage Locations       |
| Open Fault                                           |  | ●                         |
| Short Fault                                          |  | ●                         |
| Multiple Style Tone Generator†                       |  | 4                         |
| Display                                              |  | 2.25" (57 mm) Backlit LCD |
| Voltage Warning                                      |  | ●                         |
| Low Battery                                          |  | ●                         |
| Auto Power Off                                       | <b>Apo</b>                                                                          | ●                         |



Includes custom designed polyester carrying case.

†Requires analog tone probe: VDV526-054 or VDV500-060 – both sold separately.)

| Cat. No.   | Batteries                           | Battery Life                     | Height              | Width             | Depth              | Weight           |
|------------|-------------------------------------|----------------------------------|---------------------|-------------------|--------------------|------------------|
| VDV501-815 | Four AA Alkaline Batteries Included | 15 Hours Active, 4 Years Standby | 6-51/64" (172.6 mm) | 3-5/32" (80.2 mm) | 1-19/64" (32.9 mm) | 12.0 oz. (340 g) |