

MADE FOR LIFE®





SECURITY & ALARM TOOLS

Jonard offers an extensive line of tools for the home automation industry. Through research and development we design products for every professional to be more efficient working with tools that are Made for Life®. We engineer patented products with lifetime warranties and are always available to support our customers. Visit www.jonard.com or contact sales@jonard.com and follow:

www.youtube.com/JonardTools

www.facebook.com/JonardTools

@JonardTools

@JonardTools



Ferret Lite - Multipurpose Wireless Inspection Camera & Cable Pulling Tool - CF-100

The Ferret Lite, designed and engineered by Ferret Tools, is a general-purpose inspection camera that can give you eyes inside hard to reach locations. Built-in WiFi hotspot.

The kit includes:

- Padded EVA case
- Ferret Lite camera
- Flexible gooseneck
- Turn & click front hook and magnet
- Locking ring

- Thread adaptors
- USB-C charge cable
- Spare O-rings
- Instruction manual



Ferret Pro – Multipurpose Wireless Inspection Camera & Cable Pulling Tool - CF-200

Designed and engineered by Ferret Tools, is a professional and durable inspection tool, designed and engineered with award-winning features to help provide easier, faster & safer visual inspections and the ability to locate and pull in a cable in hard to reach spaces. Built-in WiFi hotspot. Also, includes a FREE Jonard **CWB-11** - Cell Phone Wrist Band, 11".

The kit includes:

- Padded EVA case
- Ferret Pro camera
- Flexible gooseneck
- Short rod
- Strong hook and magnet
- Right angle adaptor
- Thread adaptors
- USB-C charge cable
- Spare O-rings
- Instruction manual
- CWB-11 Cell Phone Wrist Band, 11"

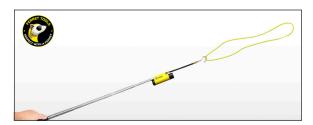


Ferret Plus – Multipurpose Wireless Inspection Camera & Cable Pulling Tool - CF-300

The Ferret Plus, designed and engineered by Ferret Tools, comes with the world's first-ever non-contact voltage detector that is not handheld to help detect live cables from a greater reach than ever before. Also, includes a FREE Jonard **CWB-11** - Cell Phone Wrist Band, 11".

The kit includes:

- Padded EVA case
- Ferret Plus camera
- Flexible gooseneck
- Short rod
- Strong hook and magnet
- Right angle adaptor
- Thread adaptors
- USB-C charge cable
- Spare O-rings
- Instruction manual
- CWB-11 Cell Phone Wrist Band, 11"



Ferret Stick - CFST-55

It expands up to 55" (140cm) with a $\mbox{\em 1}\!\!\!/_4$ - 20UNC thread, which is compatible with all Ferret products.

Caution: Do not use the Ferret Stick near live power!



Gooseneck - CFGN150A

The Ferret Gooseneck is an accessory designed and engineered by Ferret Tools for use with the Ferret Pro or Ferret Plus cameras.

The Ferret Gooseneck provides a flexible attachment to your Ferret camera allowing you and then to your rod set (with one of our free thread adaptors) or straight to your Ferret stick.



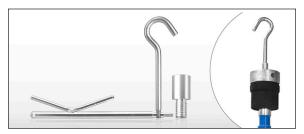
Cell Phone Wrist Band, 11" - CWB-11

The Jonard Tools CWB-11 is the perfect companion to our Ferret Wifi camera. This wrist band holds your cell phone allowing for hands-free use while you use Ferret products for your inspection and viewing needs.



Telescoping Pole (18 Feet) - RDT-18K

The RDT-18K is the perfect tool to install or retrieve a cable in drop ceilings or other hard to reach places. This Telescopic Pole is self-supporting, so it is perfectly suited for spanning ceilings and voids to route or retrieve cable. Simply grab the wire with our hook and expand or contract the pole as needed.



Accessory Replacement Kit For RDT-18K - RDT-3RH

Three piece accessory kit for RDT-18K.

The kit includes:

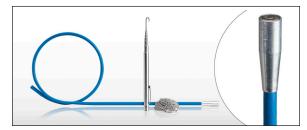
- RDC-35 C Hook
- RDK-5 K Hook
- Adapter for use in tight locations



Magtime™ Magnetic Cable Holder (Pack of 25) - MF-25/25

Made with neodymium magnets, these magnetic cable holders are ideal for installing cables on high ceilings or other places quickly and easily.

• Compatible with our **RDT-18K** Telescoping Pole and **MF-45** Magtime Cable Pole Bracket to hang wires in high places



Magnetic Retrieval System - MRS-24

The perfect tool to help fish wires through walls.

The kit includes:

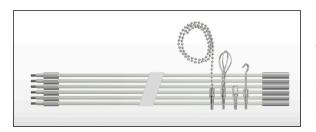
- 24" Flexible Magnetic Retriever
- 10' of Ball Chain w/ ¾" Diameter Stop Ring and Eye Loop
- MRS-RH20 Expandable Retriever Hook
- Storage Pouch



Magnamole Magnetic Cable Guide Kit - MM-800

Wire Fishing Made Easy! Quickly threads wire and cable through cavity walls and void spaces. Threads at an angle and safely through other wire and cable obstacles. Saves time, saves money, and sharply reduces the risk of accidents.

PATENTED



Glow Rod Kits 3/16" Diameter

Attachment Kit which contains: One eyelet, ball chain, whisk, and hook attachment heads is included for the **RDG-15** and **RDG-30**.

RDG-9 - 9' Compact Glow Rod Kit 3/16" Diameter

RDG-15 - 15' Glow Rod Kit 3/16" Diameter extends a full 15 feet RDG-30 - 30' Glow Rod Kit 3/16" Diameter extends a full 30 feet



Glow Rod Kits+ & WhiskLight, 3/16" Diameter

Designed to facilitate telecom and datacom installations, these glow rods are perfect for pushing and pulling cables in low light applications. Attachment Kit which contains an eyelet, ball chain, hook, and **RDG-FLW** WhiskLite TM is included.

RDG-FLW - WhiskLight™

RDG-15A - 15 ft Glow Rod Kit+, 3/16" Diameter RDG-30A - 30 ft Glow Rod Kit+, 3/16" Diameter



Adjustable Hole Cutter, 10" - AHC-10

The Jonard Tools AHC-10 adjustable hole cutter is designed for cutting round holes in ceilings, walls, and floors and is the perfect tool for installing recessed speakers, lighting, or other round objects.



Cable Comb™ Cable Organizing Tool - CCB-25

substantially reduces the amount of time it takes to straighten, organize, and lash multiple cables together with ease.

- Compatible with any cables or wires up to 1/4" (6.35 mm) in diameter, such as: Coaxial (not RG6 Quad), Plenum, Control, CAT5/5E/6 Network, Speaker, and Alarm Cables and Wires
- Unique design allows individual cables to be loaded into the blue inner hub at any
 point during use without the need to find and thread the cable ends
- Cables can also be removed at any point during use by sliding the yellow outer collar back and removing them through the large opening of the collar
- Built-in finger grooves



Cable Caddies

The cable caddies are made of 7/8" diameter tubular steel and feature the following:

- Sturdy steel construction with dual leg chains for increased stability
- Easy setup
- Able to hold cable reels weighing up to 100 lb and measuring up to 20" diameter and 17" height
- Portable and compact design to make it easy to store and move around job sites

CC-2721 - Steel Cable Caddy, 21" Wide CC-2721WS - Steel Cable Caddy with Wheels and Pull Strap, 21" Wide

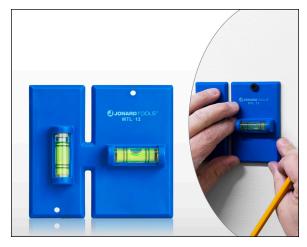


Fish Tapes

Jonard tools **FTS-50** and **FTS-240 Fish Tape** use a 1/8" wide x 1/16" thick steel tape with permanent laser-etched measurement markings (in English and metric units) every foot (0.3m) to assist in the process of pulling wire or cables. Ideal for long runs and where heavy duty wire pulling is required through conduit, walls, under carpets, and many other places.

The case and handle use rugged plastic for superior impact resistance, has a comfortable ergonomic grip and is designed for superior payout and rewind. The **FTS-50** has 3 viewing ports and the **FTS-240** has 2 viewing ports. Available in 50' or 240' lengths.

SPECIFICATIONS	FTS-50	FTS-240
DESCRIPTION	Fish Tape 50 Feet	Fish Tape, 240 Feet
DIMENSIONS	1/8" (3.175mm) wide x 1/16" (1.59mm) thick x 50 (15.24 meters) feet long	Tape is 1/8" (3.175mm) wide x 1/16" (1.59mm) thick x 240 (73.152 meters) feet long



Wallbox Template Leveler - WTL-12

Designed specifically for cutting out single and double gang old work boxes, this wall template level is perfect for ensuring the boxes are level every time. This wall template level features the following: Built-in levels assist in positioning the template perfectly. Wide protective rubber strips hold the template in place and prevent scratching the wall. Works with Carlon B114R & B12R single gang boxes, Carlon B225R double gang boxes, Carlon SC100RR low voltage plates, Arlington Industries LVL1 and LVL2 boxes, and many other brands of single and double gang boxes. Screw holes added to hold it in place for hands-free use.

Single gang cutout dimensions: 2 1/4" x 3 5/8"

Double gang cutout dimensions: 4" x 3 5/8"



Wall Box Template & Level for Metal Boxes, 1-Gang and 2-Gang - WTL-32M

Designed specifically for cutting out single and double gang metal old work boxes, this wall template level is perfect for ensuring the boxes are level every time.

- Built-in levels assist in positioning the template perfectly
- Wide protective rubber strips hold the template in place and prevent scuffing or scratching the wall
- Triangular cutouts guide cutting around ears in metal old work boxes
- Compatible with Hubbell RACO 506 single and double gang switch boxes and other similar metal old work electrical boxes
- Added screw holes to hold it in place for hands-free use
- Includes horizontal and vertical centerlines for easy alignment
- 1-gang cutout dimensions: 1.94" wide x 3.06" high
- 2-gang cutout dimensions: 3.75" wide x 3.06" high



Electrical Wall Outlet Cutter - EBC-400

The Jonard Tools EBC-400 Electrical Wall Box Cutter is designed for cutting single gang boxes in drywall for installing old work boxes.

- Easily cuts drywall in just seconds to make installation of electrical boxes quick and easy
- Needs to be used with an oscillating multi-tool (sold separately), fits most industry-standard multi-tool power tools
- Can be used for installation of plastic, metal, or low voltage existing construction electrical boxes
- Made of stamped steel for high durability and long life
- Cuts a rectangular hole with dimensions: 2 3/8" wide x 3 3/4" high



Electrical Wall Box Cutter, Double Gang - EBC-800

Multi-tool attachment head for cutting double gang boxes in drywall for existing construction (old work) boxes.

- Easily cuts drywall in just seconds to make installation of electrical boxes quick and easy
- Must be used with an oscillating multi-tool and is compatible with most industrystandard multi-tool power tools
- Used for installing plastic existing construction (old work) boxes and low voltage plates
- Made of stainless steel for high durability and long life
- Cuts a rectangular hole with dimensions: 4" wide x 3 3/4" high



COAX Tool Kit Universal - TK-85

Coax Tool Kit with CT-200 Universal Compression Tool for most connectors short and long. The TK-85 CATV technician's service kit is designed for repair and maintenance of CATV cable networks.

The kit includes:

- CT-200 Universal Compression Tool
- SD-61 Screwdriver Multi-Bit 6 In 1
- UST-125 COAX Stripping Tool for RG59/6 & 7/11 with Cable Stop
- **FL-2000** LED Flashlight with Zoom Lens
- PT-300 Pocket Continuity Tester & Toner
- JIC-2288 Plier, Diagonal, Cutter, 8"
- TWAF-71630 Torque Wrench, Full Head 7/16", 30 in./lb.
- H-85 Molded 8 Tool Pouch



Coax Stripping Tools

The UST Series strips a multitude of cables.

Virtually all the blades are interchangable. Includes Velcro strip for folding back the braided shield of the cable.

Blades are capable of making over 5,000 cuts.

SPECIFICATIONS	UST-125	UST-150	UST-500
DESCRIPTION	COAX Stripping Tool For RG59/6 & 7/11 With Cable Stop	CAT/TP & RG59/6 Cable Stripping Tool	Universal Cable Stripping Tool
CABLE SIZE	RG59/6, 7/11	RG59/6, UTP	RG59/6, UTP, 7/11, Flat Telephone



Compression Tools

Universal Compression Tool CT-200 - Designed for use on F Connectors (RG59, RG6, & RG11), BNC Connectors (RG59 & RG6) and RCA Connectors (RG59 & RG6).

Compression Tool Fixed (Long) CTF-200 - Designed for use on the longer style F connectors (such as PPC® EXXLWS Aquatight connector, EX-XL and other similar length connectors).

Compression Tool Fixed (Short) CTF-300 - Designed for use on the shorter style F connectors (Such as PPC Aquatight Connector EX or shorter connectors and other similar length connectors).



360° Compression Tool - CTF-180

The Jonard Tools 360° Compression Tool is designed for use on both short and long style F connectors. The tool is ideal for installing CATV network cables. It also features the following:

- 360° of F connector support designed to accommodate PCT connectors
- Compressed length of short and long connectors is 17.9 mm and 20.8 mm respectively, which can be used with most F connectors in conjunction with RG59 and RG6 COAX cables



16 Piece Security & Alarm Tool Kit+ - TK-611

Designed specifically for the security and alarm industry, the TK-611 16 Piece Security & Alarm Tool Kit provides all the tools needed to prep COAX, network, and power cables for termination as well as tools for tracing and testing applications.

The kit includes:

CST-1900 Round Cable Strip & Ring Tool CT-200 Universal Compression Tool

EPD-91461 Punchdown Tool with 2 Blades 66 & 110

H-90 Rugged 21 Pocket Tool Case JIC-186 Wire & Kevlar® Cutting Shears JIC-683 Lineman's Side Cut Pliers

KN-7 MCT-468 Ergonomic Cable Splicing Knife Modular Cable Tester for RJ45, RJ12, RJ11 Cables

MRS-24

RBNC-3

SD-61

MagneTriever™

Compact BNC Connector Tool 6-in-1 Multi-Bit Screwdriver with Phillips & Slotted Bits •

TETP-800 Cable Tester Tone & Probe Kit

UC-4569 RJ11/12, RJ45 Pass-through Modular Crimping Tool

UST-500 Universal Cable Stripping Tool Wire Stripper & Crimper, 8-26 AWG WSC-826

Combo Crimper, Long Nose Pliers JIC-22148



Punchdown Tool Kit - TK-17

The TK-17 Punchdown Tool Kit is a technician's service kit designed for maintaining telecommunications and data communications networks.

The kit includes:

- EPD-91461 Punchdown Tool With 2 Blades 66 & 110
- JIC-22148 Combo Crimper Long Nose Pliers
- SD-61 Screwdriver Multi-Bit 6 In 1
- ES-1964ERG Ergonomic Electrician's Scissor
- CST-1i Cyclops Wire Stripper, can use on UTP/STP Cable
- FL-2000 LED Flashlight with Zoom Lens
- H-75 Molded 7 Pocket Pouch with Belt Clip
- JIC-22035 Probe Pick



Punchdown Tool With 2 Blades 66 & 110 - EPD-91461

Sleek ergonomic design for easy effective wire termination. Tested up to 100,000 cycles at high-impact setting.

The kit includes:

- **EPD-914** Punchdown Tool
- EPB-110 110 Blade With & Without Cutter
- EPB-66 66 Blade With & Without Cutter



VDV Installation Tool Kit - TK-RJ550

This kit provides all the necessary tools for cutting, crimping and terminating cat5 and cat5e network cables.

- Ratchting modular crimping tool for use on RJ45 regular and pass-through connectors. Punch Down tool with durable 110 type blade for wire termination
- Jacket stripper for removing cable jackets
- RJ45 CAT5/5e pass-through connectors, 50 pcs.



Pass-Through Connectors

The Jonard Tools Pass-Through Connectors are used by network installers/technicians in order to terminate network cables with a pass-through crimper. They are used in households and business and are ideal for terminating a round network cable or even replacing an existing connector.

RJ45-550 for CAT5 and CAT5e, quantity 50 RJ45-5100 for CAT5 and CAT5e, quantity 100 RJ45-650 for CAT6 and CAT6a, quantity 50 RJ45-6100 for CAT6 and CAT6a, quantity 100



Pass-through Modular Crimping Tool 6-in-1 - UC-4569

Designed to crimp RJ11/12 and RJ45 connectors onto CAT3, CAT5/5E, and CAT6 cables, this pass-through connector crimper is perfect for any network installer. This crimper features the following:

- Easily crimps pass-through RJ45 connectors without any measuring needed
- Crimps 4, 6, and 8 position modular connectors (RJ11/12 and RJ45)
- Cleanly trims the wires flush to the end face of pass-through RJ45 connectors
- Intended for use with 28 to 22 AWG flat/round, solid/stranded telephone and data cables
- Ratcheted, ultra-stable platform for consistent terminations with low hand force
- Durable steel construction for high durability and long life
- Ergonomically designed dual material cushion grip handles for greater comfort
- Replacement blade set available: UC-4569RB



Modular 6-in-1 Crimping Tool - UC-864

Designed to crimp RJ11, RJ12, RJ22, and RJ45 connectors onto CAT3, 5E, and CAT6 cables, this feedthrough connector crimper is perfect for any network installer. This crimper features the following:

- Ratcheted, ultra-stable platform for consistent terminations with low hand force
- Tool includes built in jacket strippers for round and flat cables 28-22 AWG (0.32 0.64 mm diameter)
- 2 crimping slots: one for 8 position modular connectors and one for 6 and 4 position modular connectors
- Durable all-steel construction with heavy duty cutting blade good for 3,000 cuts
- Dual-component ergonomic cushion grip handles for greater comfort



8 Piece Screwdriver Set - SDK-8

Our screwdrivers are made of special alloy steel for exceptional strength and long life. The shafts are corrosion resistant and the soft rubber handles offer user comfort with greater torque. The tips are magnetic and the size and style are marked on the end of each handle. Meets applicable ASME/ANSI specifications.

The kit includes:

- **SDSP-2** Screwdriver Phillips #2 Stubby
- **SDP-1** Screwdriver Phillips #1 x 3"
- SDP-2 Screwdriver Phillips #2 x 4"
- SDP-3 Screwdriver Phillips #3 x 6"
- **SDSC-14** Screwdriver Slotted 1/4" Stubby
- SDC-3163 Screwdriver Slotted 3/16" x 3"
- SDC-144 Screwdriver Slotted 1/4" x 4"
- SDC-5166 Screwdriver Slotted 5/16" x 6"



Screwdriver Multi-Bit 6 In 1 - SD-61

The SD-61 Jonard 6-in-1 Screwdriver eliminates the need for multiple tools in your belt. This tool is configured to include: #1 & #2 Phillips Head. 9/32" & 3/16" slotted heads. Two nut drivers 5/16" & 1/4". This screwdriver is made of special alloy steel for exceptional strength and long life. The shaft is corrosion resistant and the soft rubber handle offers user comfort with greater torque. The tip is magnetic and the size and style are marked on the end of the handle. Meets applicable ASME/ANSI specifications.



Precision Screwdrivers (PK of 10)

SD-00 Precision Screwdriver Phillips has a #00 Phillips tip and a 3mm diameter by 60mm long shaft. Shaft is made from SU11 steel.

SD-080 Precision Screwdriver Slotted has a slotted tip 2mm wide and a 3mm diameter by 60mm long shaft. Shaft is made from SU11 steel.

Handles made from polypropylene and thermoplastic rubber for added comfort.



7 Piece Nut Driver Set - ND-631

The ND-631 7 Piece Nut Driver Set contains full length hollow shaft nut drivers intended for working with long bolts. They are designed with cushion gripped ergonomic color coded handles. Handles provide greater torque and user comfort. Overall length 7".

The kit includes:

- ND-6301132 Hollow Shaft Nutdriver 11/32"
- ND-63012 Hollow Shaft Nutdriver 1/2"
- ND-63014 Hollow Shaft Nutdriver 1/4"
- ND-630316 Hollow Shaft Nutdriver 3/16"
- ND-63038 Hollow Shaft Nutdriver 3/8"
- ND-630516 Hollow Shaft Nutdriver 5/16"
- ND-630716 Hollow Shaft Nutdriver 7/16"



Smart Phone & Tablet Repair Tool Kit - TK-19

For opening and repairing all series of smartphones, tablets and many "i" series computers (iPhones & iPads). Kit contains all the tools you need to take apart these highly specialized electronic devices. Perfect for DIY repair jobs. Tools are neatly organized and labeled in a convenient storage case.

The kit includes:

- Ergonomic Handle
- Thirteen 4mm bits:
- 2 Plastic Prying Tools
- Guitar Pick
- Opening Tool
- Suction Vacuum Opener
- SIM Eject Tool
- Tweezer



Splicer's Kit - TK-400

The compact TK-400 Splicer's Kit contains ES-1964 Electrician's Scissors, H-40 Leather Two Tool Pouch, and a special purpose KN-7 Ergonomic Cable Splicing Knife. Both items fit securely in the leather pouch which can be mounted on belts up to 2" wide.

The kit includes:

- KN-7 Ergonomic Cable Splicing Knife
- ES-1964 Electrician's Scissors
- H-40 Leather Two Tool Pouch



Electrician's Scissors - ES-1964

The Electrician Scissors are designed for heavy duty use. Made of chrome vanadium steel with a special hardening process for greater durability and nickel plated for that professional look. The Electrician Scissors are notched to strip 18-20 and 22-24 AWG wire and one blade is serrated. A scraper and file are on the back of the blade. Holds edge even when used on fiber and Kevlar based cables



Ergonomic Cable Splicing Knife - KN-7

The tough cutlery steel blade is extremely sharp and cuts easily through many types of insulation. It holds its edge with repeated use and features a non-slip easy grip ergonomic handle made from TPR (thermoplastic rubber) for better control and reduced hand fatigue.Blade length is 1¾" and overall length is 6¼"



Heavy Duty Scissor with Wire Stripper - JIC-183

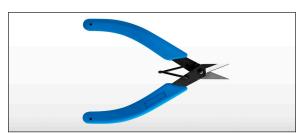
Designed to cut copper, aluminum, leather, plastic, and other materials, these heavy duty scissors are the perfect tool for cutting cables up to 1/4" in diameter.

- One blade is serrated for a tight and secure grip while cutting
- Wire stripper accommodates 18, 14, and 12 AWG (1.0, 1.5, and 2.0 mm2 cross sectional area) wire



Wire & Kevlar® Cutting Shears - JIC-186

High carbon stainless steel blades (heat treated to HRC 58-60) designed to cut Kevlar®, cabling insulation, tape, cable ties and other material. Ergonomic handles for user comfort and durability. Adjustable joint screw under protective cap, a serrated blade for gripping, sharp and durable. 6" long. Handle material is dual component Nylon and Santoprene.



Flush Cut Kevlar® Cutters - JIC-190

The Jonard Tools JIC-190 Flush Cut Kevlar® Cutters are designed to cut Kevlar®, cabling insulation, tape, cable ties, and other materials flush to the surface.

- Thin-nose jaws provide easy access into tight places and allow for flush cutting of Kevlar® to the fiber jacket
- Serrated edge holds Kevlar® in place for clean and precise cutting



Heavy Duty Utility Knife - UKN-3

Designed for heavy duty use, this utility knife is the perfect addition to any tradesman or technician's tool kit. This utility knife features the following:

- Push button allows you to change blades without needing other tools
- Zinc alloy die cast housing is lightweight and provides excellent durability
- Blade locks in four different positions for maximum cutting efficiency
- Holds up to 3 extra blades inside housing (not included)
- Tethering hole at the bottom of the handle for convenience
- Compatible with most other standard utility knife blades
- Includes (1) utility blade



Heavy Duty Utility Knife Replacement Blades, P/50 - UKN-50RB

Made in the USA, this pack of 50 utility blades is perfect for replacing blades in a utility knife, such as our UKN-3. These utility blades feature the following:



Insulated Cable Sheathing Knife - KN-100INS

Designed with a curved blade and insulated handle, this cable sheathing knife is the perfect tool for slitting or cutting the sheathing off cables without damaging the conductor insulation inside. This cable sheathing knife features the following:

- Dual-component insulated handle is rated for use on live equipment up to 1000V and is compliant with DIN EN 60900 VDE 0682-201:2013-04 standards
- Ultra sharp, dual-sided blade can cut jacket sheath from either side by pushing or pulling the tool through the cable
- Ergonomically designed handle has soft grip for increased comfort and makes it easy to slit and cut sheathing off cables
- Guide shoe on blade tip prevents conductor insulation from being damaged
- Included safety cap and tethering hole allow for easy transport and convenient storage



Torque Wrenches

TWAF-71620 Torque Wrench Full Head 7/16", 20 in/lb

TWAF-71630 Torque Wrench Full Head 7/16", 30 in/lb

Full size open end wrenches that behaves like traditional open end wrenches. Designed for "F" Connectors, these wrenches help prevent over tightening. An audible click tells you the connection has been properly achieved.



Speed Wrenches

Designed for F Connectors, on splitters and all 7/16" connections. Made of chrome vanadium steel, chrome plated and polished to a high gloss finish.

SPECIFICATIONS	ASW-716	ASW-7916	ASWS-716	ASWS-R716
DESCRIPTION	Angled Head Speed Wrench 7/16"	Speed Wrench Double End 7/16 & 9/16	Angled Speed Wrench Stubby 7/16"	Ratcheting Speed Wrench Stubby 7/16"
WRENCH TYPE	Speed	Speed	Speed	Combination, Speed, Ratch- eting
SIZE	7/16" (11.11mm)	7/16" (11.11mm), 9/16" (14.29mm)	7/16" (11.11mm)	7/16" (11.11mm)



Compact BNC Connector Tool - RBNC-3

Designed to provide easy access to BNC connectors, this 3" BNC Connector Tool is perfect for installing or removing BNC connectors in high-density locations. This tool features the following:

- Compact design allows you to reach connectors in hard-to-reach places
- Knurled handle provides a secure grip while using the tool
- Steel loop can easily attach to a carabiner or key ring and can be used to facilitate removal or installation of connectors
 - Made from a high carbon steel alloy with a nickel-plated finish for maximum durability



Can Wrench, Ergonomic Hex - M-216C/EX

Can Wrench Ergonomic 7/8" Diameter Handle, Hex Outer Socket. Double end can socket wrench, 3/8" and 7/16", orange Impact resistant thermoplastic ergonomic handle. Used in placing fuses in cable terminals and connecting wires to fuses and binding posts. The walls on both sockets are thin enough so they can be used to work locking devices on most terminals and cabinets.

Overall tool length is 7".



COAX Cable Gripping Tool - CG-100

Designed to grip RG59, RG6, RG7, and RG11 cables, this COAX cable gripping tool facilitates the stripping, slitting, splicing, and other functions of coaxial cables. This cable gripping tool features the following:

- Perfect for gripping RG59, RG6, RG7, RG11, and many other cables
- Soft rubber material conforms to the shape of the cable to grip it tightly
- Compact shape and belt loop hole make it convenient for storage and transport



Cyclops Wire Stripper - CST-1i

CST-1i Cyclops - Fast easy removal of outer insulation from all unshielded twisted pair, shielded twisted pair and multicore cables. The Cyclops features a self adjusting blade and is perfect for PVC and plenum type insulation, plus other materials without damaging the inner braids, foils or conductors. Cable performance is not impacted using this cable stripper.

Patented.



Adjustable Wire Stripper & Cutter - WS-5

The WS-5 is designed with a precision-ground "V" notch blade for superior stripping results. This tool is spring loaded with a locking latch, a looping and bending hole for solid wire and scored marks on the blade for measuring wire length. An adjustable blade stop easily strips and cuts 10-30 AWG solid and stranded wire.

Made of high carbon steel with black oxide coating. Vinyl cushion grips provide excellent comfort.



Wire Stripping Tools

This series of stripping tools is designed to strip and cut the most commonly used stranded and single wire and fiber jackets.

Other features include a coil spring opening to reduce fatigue, wire looping, bending holes conveniently located, black oxide finish, locking mechanism, and cutting surfaces that are hardened, tempered and ground for superior performance.

SPECIFICATIONS	JIC-1022	JIC-1626	JIC-2030
DESCRIPTION	Jacket Stripper 10- 22AWG	Wire Stripper 16-26 AWG	Wire Stripper 20-30 AWG
WIRE GAUGE	10-22 AWG (2.6-0.60 mm)	16-26 AWG (1.3-0.40 mm)	20-30 AWG (0.80- 0.25 mm)



Self Adjusting Wire Stripping Tools

The Jonard Tools **WSA-1024** Self-Adjusting Wire Stripper is designed for stripping PVC and other insulated wire sizes 10-24 AWG.

The Jonard Tools **WSA-1430** Self-Adjusting Wire Stripper is designed for stripping PVC and other insulated wire sizes 14-30 AWG.

SPECIFICATIONS	WSA-1024	WSA-1430
DESCRIPTION	Self-Adjusting Wire Stripping Tool, 10-24 AWG	Self-Adjusting Wire Stripping Tool, 14-30 AWG
WIRE GAUGE	10-24 AWG (2.6-0.20 mm)	14-30 AWG (1.63-0.25 mm)



Wire Stripper and Cutter 8-22 AWG - WS-822

The Jonard Tools WS-822 Wire Stripper and Cutter was designed with the technician and tradesman in mind. This wire stripping and cutting tool features the following:

- Rugged and precise design with precision machined holes and die-cast body with rugged coated finish
- Easily cuts and strips 8-20 AWG solid wire and 8-22 AWG stranded wire
- Gripping and stripping jaws grab, hold, and strip wire with one squeeze of the handle
- Jaw design holds wire securely in place when stripping
- Stripping blades are made of high durability SK5 steel
- Ergonomically designed handle with dual component thermoplastic rubber (TPR) grips



Cable Stripper for 14/2 & 12/2 NM Cable - WSC-1412

Designed to strip the jacket and insulated conductors from 12/2 and 14/2 NM cables. The tool also has a wire cutter and serrated nose built-in for added convenience.



Wire Stripper & Crimper (8 - 26 AWG) - WSC-826

The Jonard Tools WSC-826 is a multi-function wire stripper designed to cut and strip wire from 8 - 26 AWG (8.36 mm² - 0.13 mm²) without any adjustments needed. The wire stripper features the following: Great for stripping Romex 12 and 14 AWG cables and most stranded or solid conductors. Tool has a wire cutter and crimper for non-insulated terminals. Handy adjustable wire stop ensures precise and consistent results. Special micro adjustment knob allows the tool to work on cables as small as 30 AWG and as large as 8 AWG.



Round Cable Strip & Ring Tools

Designed for the fast and precise jacket removal of PVC, rubber, PE, and other jacket materials from round cables.

Replacement Blade: CST-7915

SPECIFICATIONS	CST-1900	CST-4000
DESCRIPTION	Round Cable Strip & Ring Tool	Round Cable Strip & Ring Tool for Large Cables
CABLE DIAMETER	3/16" - 1 1/18" (4.5 mm - 29.0 mm)	3/4" - 1 5/8" (19 mm - 40 mm)



Micro Duct Cutters

The **MDC-14** is designed to cut micro ducts cleanly and straight, this micro duct cutter is perfect for cutting most micro ducts including tubing made from PVC, Nylon, and other materials up to 14 mm (9/16") in diameter.

The **MDC-28** is designed to create quick, clean, and straight cuts in fiber ducts up to 28 mm, this duct cutter is perfect for cutting PVC, CPVC, HDPE, and other plastic tubing.

The **MDC-64** is designed to cut large fiber ducts up to 64 mm (2.52") in diameter, this fiber duct cutter is perfect for cutting PVC, CPVC, PE, HDPE, PEX and other nonmetallic tubing.

SPECIFICATIONS	MDC-14	MDC-28	MDC-64
DESCRIPTION	Micro Duct Tube Cutter	Micro Duct Cutter	Large Fiber Duct Cutter
MAX DUCT DIAMETER	9/16" (14.28 mm)	28 mm (1.1")	2.52" (64 mm)
OVERALL LENGTH	4.5" (114.3 mm)	7 1/4" (18.4 cm)	9.5" (241.3 mm)



Non-Contact Dual Range Voltage Detector Pen, 24-1000VAC & 90-1000VAC W/LED Flashlight - VT-1100

Designed to identify the presence of AC voltage in outlets, switches, circuit breakers, fuses, wires, and cables, this voltage tester is the perfect tool for verifying low and high voltage in live circuits.



Cable Tester Tone & Probe Kit+ w/ ABN - TETP-901

Designed to identify and test the continuity of RJ45, BNC, and F coaxial cables along with 6P2C/4P2C jacks, this multi-function cable tester tone and probe kit is the perfect kit for any Voice Data Video (VDV) professional.

The kit includes:

- **TEP-200** Tone Tracing Probe+
- TET-700BC Cable Tester & Toner+ w/ ABN:
- TET-6 Accessory Kit for TET-700
- (1) 9V battery required for operation



Cable Tester Tone & Probe Kit - TETP-800

Designed to quickly trace and identify cables, wires, and wire pairs, the Jonard Tools TETP-800 tone and probe kit is the perfect kit for any Voice Data Video (VDV) professional. This kit features the following:

The kit includes:

- **TEP-100** Tone Tracing Probe
 - TET-600 Cable Tester & Toner
- Two 9V batteries



Modular Cable Tester - MCT-468

Modular Cable Tester. The MCT-468 is designed to check and troubleshoot the pin connections of RJ45, RJ12, and RJ11 connectorized cables. It is ideal for testing the continuity of a cable with RJ11 or RJ45 connectors prior to installation. This cable tester features the following:

- Can test RJ45, RJ12, and RJ11 terminated cables
- Tests for opens, shorts and miswiring
- Full LED indication lights on both main and remote unit.
- Auto tests when switched on
- Move switch to S to slowdown auto test feature
- Small size and lightweight
- Carry case included
- Uses a 9V battery (included)



HDMI Cable Tester - HDMI-100

Designed to test HDMI and Mini HDMI cables with ease, this HDMI Cable Tester is the perfect tool for evaluating HDMI cables that may have shorts, open circuits, or have wire pairs in the wrong order. This HDMI tester features the following:

- Perfect for use on 1.2V / 1.3V / 1.4V / 2.0V HDMI or Mini HDMI cables
- Scan mode allows you to see each individual connection being tested
- Full Display mode shows all of the tested connections at once
- Remote can be detached from the main unit, allowing you to quickly and easily test HDMI cables that are installed or very long
- Auto shutdown function after 10 minutes helps preserve battery life
- Powered by (1) 9V battery (included)



Pocket Continuity Tester & Toner - PT-300

Drop cable continuity tester - accurate up to 5,000 feet (1,500 m). Identify cables in an MDU, and detect troublesome short circuits.



Cable Mapper & Toner 8 Way - CM-8

Find and identify multiple coax cables in main cable boxes. For use on Coax Cables for CATV, Satellite Installations, Audio Video Equipment, CCTV and Security & Alarm Installations. The CM-8 Coax Cable Mapper & Toner is designed to quickly find and identify multiple cables and easily map runs to and from a central cable bundle.

The kit includes:

- Cable Mapper & Toner
- 8 Cable Identifiers (numbered & color coded)
- 2 Alligator Clip Sets
- Rugged Nylon Case & Instruction sheet



Fiber Optic Power Meter with FC/SC/LC Adapters for PC/UPC/APC Connectors - FPM-50A

The Jonard Tools Fiber Optic Power Meter is perfect for measuring both the absolute optical power and relative power loss in fiber optic cables.

The kit includes:

- Fiber Optic Power Meter
- Instruction Manual
- Protective Cover
- (3) AA Batteries (required for operation)
- (2) Cleaning Swabs
- FC Adapter
- LC Adapter
- SC Adapter
- Nylon Carry Case



Optical Light Source with FC/LC/SC Adapters - FLS-50

Designed to provide either 1310 nm or 1550 nm wavelengths, this optical light source is the perfect tool for providing a stable light source for single mode fiber measurements. This optical light source features the following:

- Highly stable output power and wavelengths
- Has four different modulation outputs (CW, 270 Hz, 1 kHz, 2 kHz) at 1310 nm and 1550 nm wavelengths
- Flush button design makes it easy to use and prevents dust from entering the unit
- Shatter-resistant sleeve protects the light source from falls or other damage
- Backlit LCD screen provides a clear display, ideal for dark places

Includes: Fiber Optic Light Source, FC Adapter, LC Adapter, SC Adapter, (2) Cleaning Swabs, (3) AA Batteries (required for operation) and a Storage Pouch



Passive Optical Network Power Meter for BPON/EPON/GPON - PON-50

Designed to perform live testing with OLT equipment, this PON Power Meter is perfect for use during FTTx/PON service tune-up or maintenance. It is able to simultaneously test and measure the signal power of voice, data, and video connections, and is essential for the construction and maintenance of PON systems.

- Includes FC and SC adapters to directly connect to UPC/PC FC and SC fiber connectors
- Analyzes voice, data, and video signals in BPON/EPON/GPON FTTx systems
- Concurrently measures 1310 nm Upstream Burst Signals and 1490/1550 nm Downstream Signal Measurements anywhere in the network
- Three pass, warning, and fail LED indicators to allow you to quickly assess your network's power level



Optical Fiber Identifier - OFI-50

Designed to quickly identify the direction of transmitted fiber and display the relative core power without damaging the fiber, this fiber identifier is the perfect tool for identifying fiber in network systems without disrupting the network.

- Efficiently identifies the traffic direction and frequency tone (270Hz, 1KHz, 2KHz) with an audible warning.
- Includes a 3 mm, 2 mm, 900 nm (0.90 mm) and 250 nm (0.25 mm) adapters for different sized fiber optic cables



Visual Fault Locator Kit - VFL-150

Designed to detect fiber breakpoints, fiber leaks, poor connections, and stress points, this visual fault locator is perfect for field personnel detecting faults in fiber optic cables.



Fiber Connector Cleaners

Designed to provide exceptional cleaning performance by cleaning connectors beyond the critical fiber core area and cleaning deep into the contact area of a bulkhead adapter or connectors on fiber optic cables. The tethered dust cap provides protection for the micro fiber cleaning fabric and is an adapter for connector end face cleaning.

Features a patented 360 degree Rotational Tip for extra wide cleaning, easy one push operation and extendable nozzle, providing an additional 1.5 inches for a nozzle length of 4 inches to aid in accessing deep ports or crowded access panels. Additionally the Fiber Connector Cleaners use a non-woven micro fiber that is lint free. The FCC-120 provides 500+ cleanings and both the FCC-125 and FCC-250 provide 800+.

The new, FCC-300 Universal Fiber Connector Cleaner incorporates a new non-woven, synthetic cleaning cloth offering greater durability, usability and improved reliability.

SPECIFICATIONS	FCC-120	FCC-125	FCC-250	FCC-300
DESCRIPTION	Fiber Connector Cleaner MPO	Fiber Connector Cleaner 1.25mm	Fiber Connector Cleaner 2.5mm	Universal Fiber Connector Cleaner
FIBER CONNECTOR	MPO	LC	FC, SC, ST	FC, LC, MPO, SC, ST, LC-Duplex, MUuplex, MU



Fiber Inspection Microscopes

Fiber inspection microscopes have a focus wheel and features 2.5mm and 1.25mm adapters for use on most fiber connectors. The achromatic lens offers excellent imaging and integrated laser filters for safety (not intended for use with illuminated fibers). Coaxial illumination provides clear view of connector face and fiber.

The **FIM-200** has 200x magnification The **FIM-400** has 400x magnification



Before





Fiber Optic Stripper Three Hole - JIC-375

Three hole Fiber Optic Stripper model performs all common fiber stripping functions. The first hole of this Fiber Optic Stripper strips the 1.6-3 mm fiber jacket down to the 600-900 micron buffer coating. The second hole strips the 600-900 micron buffer coating down to the 250 micron coating and the third hole is used to strip the 250 micron cable down to the 125 micron glass fiber without nicks or scratches.

Handle is made of TPR (Thermoplastic Rubber).



Precision Fiber Cleaver - FC-500

The Jonard Tools FC-500 precision fiber cleaver is designed to provide a precise cleave and prepare a fiber to be fusion spliced for 250 μm and 900 μm coated optical fiber.

- Provides a cleave with a cutting angle of less than 0.5° for optimal fiber preparation for fusion splicing
- Long life of 48,000 cuts with 16 position blades



QuickSleever™ - PSI-15

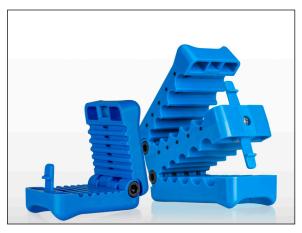
Designed to make loading protection sleeves onto fiber quick and easy, the PSI-15 QuickSleever tool is ideal for aligning fiber to the holes of protection sleeves and is a real timesaver.Holds up to 15 protection sleeves, each ranging from 1.57" to 2.36" (40 mm to 60 mm) long.



Rollable Ribbon Fiber Separator - RFS-100

Designed for use on Rollable or Spyder type ribbon fiber optic cables, this tool is perfect for separating the matrix of fibers in ribbon fiber optic cables quickly and easily.

- Can be used on Rollable or Spyder type ribbon fiber optic cables that contain up to 24 optical fibers each
- Coil spring applies a set amount of pressure, keeping the fibers safe while being separated
- Compact lightweight design is perfect for storage or on-the-go use

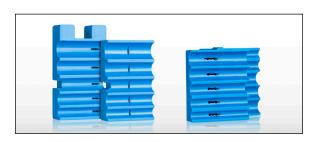


Mid Span Slitters

Designed to open fiber jackets and loose buffer tubes to provide easy fiber access. The buffer tube slitting is done without damage to the fiber. Blades are replaceable.

- The PATENTED **MS-6** is designed to work on cables or buffer tubes ranging in size from 1.2mm to 3.3mm in diameter.
- The PATENTED **MS-26** is designed to work on cables or buffer tubes ranging in size from 2.9mm to 6.8mm in diameter.
- The PATENTED **MS-306** is designed to work on cables or buffer tubes ranging in size from 1.2mm to 3.3 mm in diameter.
- The PATENTED MS-316 is designed to work on cables or buffer tubes ranging in size from 2.9mm to 6.8mm in diameter.
- The PATENTED **MS-326** is designed to work on cables or buffer tubes ranging in size from 5.0mm to 10mm in diameter.
- The PATENTED **MS-426** is designed to work on cables or buffer tubes ranging in size from 5.8 mm to 12 mm in diameter.

SPECIFICATIONS	MS-6	MS-26	MS-306	MS-316	MS-326	MS-426
DESCRIPTION	Mid Span Slitter (1.2 - 3.3 mm)	Mid Span Slitter (2.9 - 6.8 mm)	Mid Span Slit & Ring Tool (1.2 - 3.3 mm)	Mid Span Slit & Ring Tool (2.9 - 6.8 mm)	Mid Span Slit & Ring Tool (5 - 10 mm)	Mid Span Slit & Ring Tool (5.8 - 12 mm)
# OF PRECISION GROOVES	6	5	6	5	10 (5 Slitting, 5 Ringing)	10 (5 Slitting, 5 Ringing)
REPLACEMENT CARTRIDGE	MSB-1533	MSB-2968	MS-306RB	MS-316RB	MSB-5010	MS-426RB

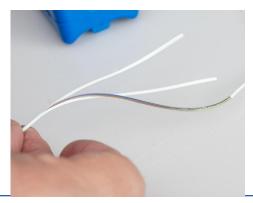


Mid Span Slitter Replacement Cartridges

JONARD P/N	DESCRIPTION
MSB-1553	Replacement Blades for MS-6
MSB-2968	Replacement Blades for MS-26
MS-306RB	Replacement Blades for MS-306
MS-316RB	Replacement Blades for MS-316
MSB-5010	Replacement Blades for MS-326
MS-426RB	Replacement Blades for MS-426









Cable Slitters

The **F0D-2000** simplifies the slitting of drop cable jackets at mid span or end sections and is perfect for FTTH technicians working with flat fiber drop cables.

The **FOR-3000** is designed to easily and safely open round fiber optic cable jackets from 9 mm to 19 mm in diameter. It is ideal for any FTTH or maintenance technician that needs to work with round fiber otpic cables, whether mid span or end-run.

SPECIFICATIONS	F0D-2000	F0R-3000
DESCRIPTION	Fiber Optic Drop Cable Slitter	Fiber Optic Round Cable Slitter
APPLICATION	Flat Cable Slitting	Round Cable Slitting, End or Mid Span Access
MAX CABLE WIDTH	8.89 mm	19 mm



Ratcheting Duct and Cable Slitter - RCS-30

Perfect tool for slitting and ringing cables or ducts greater than 25 mm in diameter.

- Unique blade penetrates duct walls up to 5 mm thick, allowing you to make midspan window cuts in cables and ducts
- Fixed jaws and ratcheting feature make it easy to grip and slit heavy-duty cable & cut into ducts at midspan
- Slits and rings cable made of PVC, PE, rubber, and other jacket materials









Riser Slitting Tool - RST-8514

The RST-8514 is a mid-span slitting tool used to create access in round FTTH riser cables as well as microducts. It works with 8.5mm to 14mm round cables.



Fiber Connector Tools

The **FCT-100** can be used with LC, SC (Simplex and Duplex), MU, MT-RJ, and other similar type connectors.

The FCT-200 is used specifically with LC connectors in tightly packed bulkheads.

Used by fiber installers, maintenance tech, and engineers, these are truly the perfect tools for working with fiber connectors in high density locations.

SPECIFICATIONS	FCT-100	FCT-200
FIBER CONECTOR	LC, SC-Simplex, SC-Duplex, MU, MT-RJ	LC
LENGTH	10.6" (269.2 mm)	9.05" (230 mm)



Adjustable Wrenches

Wrenches made of chrome vanadium steel with a chrome plated finish. Wrenches are forged and heat treated for greater strength. Handles are covered with a red vinyl grip for user comfort. The knurled worm gear is precision formed and the operation is smooth and trouble free. For accurate and faster adjustments use the metric or English scales on either side of the jaws. With extra wide jaws, a smaller wrench works on bigger jobs. Great for tight spaces.

SPECIFICATIONS	AW-6	AW-8	AW-10	AW-12
DESCRIPTION	Adjustable Wrench 6" with Extra Wide Jaws	Adjustable Wrench 8" with Extra Wide Jaws	Adjustable Wrench 10" with Extra Wide Jaws	Adjustable Wrench 12" with Extra Wide Jaws
JAW CAPACITY	15/16" (24 mm)	1-1/8" (29 mm)	1-5/16" (33 mm)	1-1/2" (38 mm)



Diagonal Skinning Stripping Pliers - DIAGB6

Tapered nose diagonal cutting pliers with standard bevel knives with one .045" stripping hole, crusher used for multipurpose wire work, and two V shaped stripping notches.



Plier, Diagonal, Cutter, 8" - JIC-2288

High Leverage Diagonal Cutter - JIC-2288. Crafted for heavy-duty wire cutting and designed for strength and cutting ability.

Made from chrome vanadium steel.



Lineman's Side Cut Pliers - JIC-683

Jonard's lineman's pliers are made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability.



Lineman's Pliers with Fish Tape Puller & Crimper - JIC-685

Jonard's lineman's pliers are made of heat treated chrome vanadium steel with induction-hardened cutting edges for maximum strength and durability.



Telecom Long Nose D Pliers - JIC-842

Pliers are for general use looping, bending and cutting. Grips small wires and parts and reaches into tight spaces. Jaws are knurled, serrated and have side cutting blades. Cushion gripped yellow plastic handle.

Made of chrome vanadium steel.



Combo Crimper, Long Nose Pliers - JIC-22148

Five tools in one, combines crimper for UR/UY/UG, AMP tel splice connectors, 709 series connectors, crimping "B" type connectors and a long nose pliers. With a crusher, cutter, .030" stripping hole, and yellow plastic handle. Made of chrome vanadium steel



Copper COAX & Network Cable Cutter - JIC-625

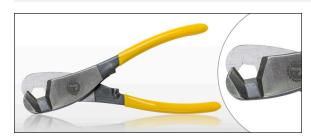
The JIC-625 is designed to cut all types of soft copper coax and network cables. Will cut solid, stranded and flexible cables to 6 AWG. Not for use on steel, aluminum alloys or hard drawn copper cables.

Made from heat treated chrome vanadium steel for longer life. The cutting jaws are precision ground for easier cutting.



COAX Cable Cutter Steel - JIC-725

A plier designed specifically for coax cables with a steel center conductor. This plier has been tested (over 25,000 cuts) on cables with steel centers, and specifically CCSC (copper clad steel center) conductor cables without degradation to the cutting blades. Made from chrome vanadium steel. Plier will also cut many other cable types.



3/4" COAX Cable Cutter - JIC-750

Also known as a Banana Cutter, this cutter is designed to cut up to 3/4" hard line coaxial cable as well as larger fiber cables. Pliers are heat treated for added strength and longer lasting cutting edges. Tool cuts cleanly without compressed or frayed ends. Functions like a tube cutter - eliminates cable distortion during cable prep.

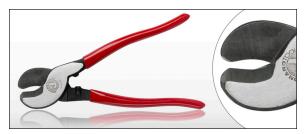
Made from chrome vanadium steel. NOT designed to cut steel cable.



1" COAX Cable Cutter - JIC-755

Designed to cut up to 1" coaxial cable. This tool works like a tube cutter to eliminate cable deformation during cable preparation. Tool provides precision one-handed cutting action.

Made from Chrome Vanadium steel with hardened cutting blades. Not designed for ACSR or other steel cables. 8 1/4" long.



High Leverage Cable Cutter - JIC-63050

High leverage design for superior cutting ability. Designed with a shear-type jaw for cutting aluminum and soft copper. Not for use on steel or ACSR type cables. Cuts up to 100-pair cables (24 AWG).

Made of chrome vanadium steel.



Flush Cut Plier - JIC-2755

Made of high carbon steel, this lightweight flush cutter can be used on wire up to 18 AWG while minimizing fly-off. Cantilevered spring automatically opens the plier, and the head fits easily in confined work areas.



Pump Pliers

Manufactured with a secure tongue and groove design for a non-slip grip (even under heavy pressure).

Made from high quality tool steel, with a smooth positive interlock between halves.

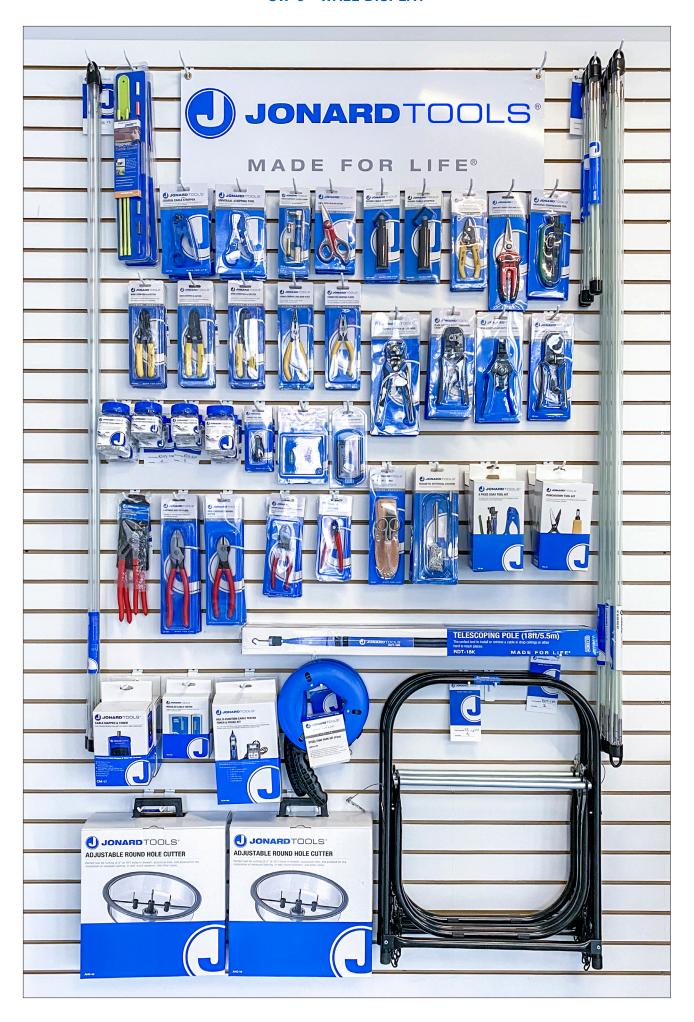
SPECIFICATIONS	JIC-5026	JIC-50210	JIC-50212
DESCRIPTION	Pump Pliers 6", 4 Positions	Pump Plier 10", 6 Positions	Pump Plier 12", 7 Positions
MAX JAW OPENING	1" (25.4mm)	1-3/4" (44.45mm)	2-1/4" (57.15mm)
NO. OF POSITIONS	4	6	7
LENGTH	6" (152mm)	10" (254mm)	12" (305mm)



DDR-3 - TRIANGLE DISPLAY



SW-3 - WALL DISPLAY





MADE FOR LIFE®