

Section 6: Tools and Support Hardware

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Introduction to Tools and Support Hardware

This section includes the tools, frames, housing, clips, clamps, tape, and other materials needed to install, support, and maintain an AT&T Premises Distribution System (PDS).

Adapter, 352A Test

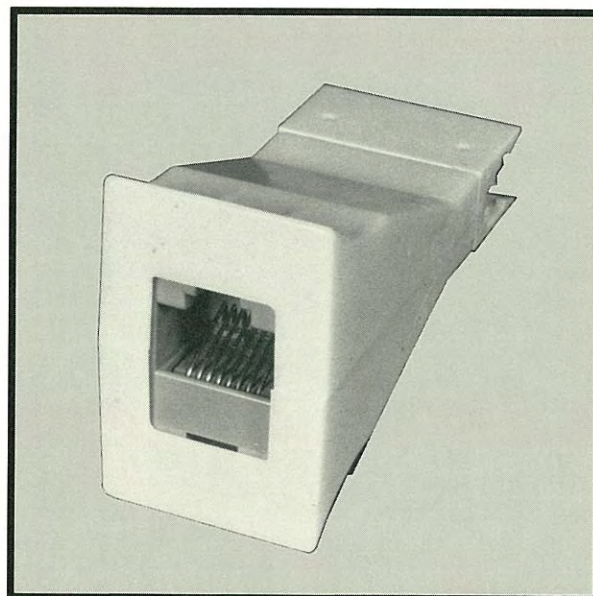
Applications

The 352A Test Adapter is used to connect an 8-pin modular plug to the front of a 110-type connecting block.

Description

The 352A is a plastic 3-pair adapter with a 110-type connector on one side and an 8-pin modular jack on the other.

Product Code	Comcode
352A	103-895-280



Bridging Clip, MBC

Applications

The MBC Bridging Clip is used to make simultaneous cross connections of 4-pair wires.

Description

This clip consists of an insulated, push-on module with a 2-position bridging clip. It comes in packages of four or eight.

Product Code	Comcode
MBC-4	900 709 221
MBC-8	900 709 239



Cable Label

Applications

Cable Label wraps around 4-pair distribution wire to provide a writing surface.

Description

Cable Label is a durable, waterproof tape on which you can write with a felt-tip pen.

Comcode
403 591 084

Cable Terminal Sections, 3A/4A

Applications

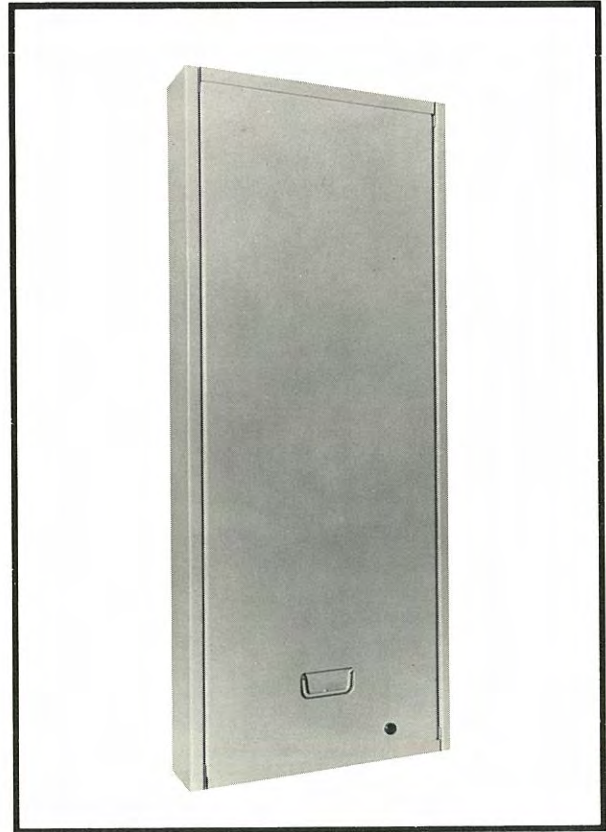
The 3A and 4A Cable Terminal Sections form a wall-mounted metal enclosure that provides mechanical protection and security for indoor building distribution apparatus.

Description

The 3A Cable Terminal Sections consist of a lift-out door and top and bottom panels that are attached to a backboard at the factory. They are proportioned to accommodate standard 110-type apparatus and are equipped with a ground bar for ground leads. The backboard is made of plywood and is laminated on both sides with aluminum, which acts as a fire-retardant barrier and aids grounding. Multiple 3A sections can be mounted side-by-side to form an enclosure of any size.

The 4A Cable Terminal Sections must be ordered separately; they come in pairs and are the side panels used to enclose the 3A sections.

The D180991 Locking Kit of Parts may be used to provide light security and requires a 216C-Type Tool for entry. The D180992 Locking Kit of Parts provides greater security via a commercial key lock.



Specifications

Product Code	Height (In.)	Width (In.)	Depth (In.)	Comcode
3AA1-32CTS	32	19.5	6.5	104 036 637
3AA1-32*	32	19.5	6.5	104 285 564
3AA1-52CTS	52	19.5	6.5	103 115 036
3AA1-52*	52	19.5	6.5	104 285 572
3AA1-72CTS	72	19.5	6.5	103 115 044
3AA1-72*	72	19.5	6.5	104 285 580
4A1-32CTS	32	1	6.5	104 036 645
4A1-52CTS	52	1	6.5	103 115 051
4A1-72CTS	72	1	6.5	103 115 069

* These cable terminal sections do not come equipped with a backboard and are designed for existing cross-connect fields.

Clamp, B Bond

Applications

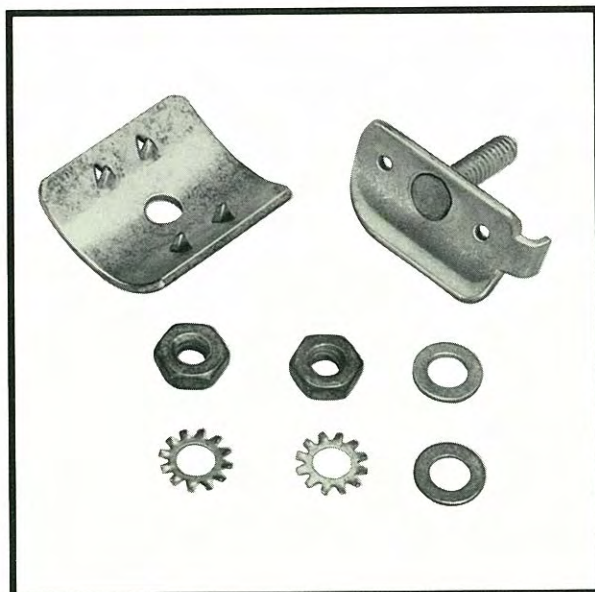
The B Bond Clamp is used to make permanent electrical bonds to the aluminum shield of plastic sheath cables at wiring blocks and splices. This clamp may also be used with bonded sheaths and both single- and dual-jacketed sheaths. (For making temporary electrical bonds, see the "B Bond Clip" later in this section.)

Description

The B Bond Clamp consists of two formed metal plates; the inner plate is equipped with a stud. Two nuts, two washers, and two lock washers are also provided. The clamp is available in three sizes.

Specifications

Clamp Size	Cable Diameter (In.)	Comcode
1	Up to 0.8	400 366 332
2	0.8 to 1.6	400 366 340
3	Over 1.6	400 366 357



Clamp, C Ground

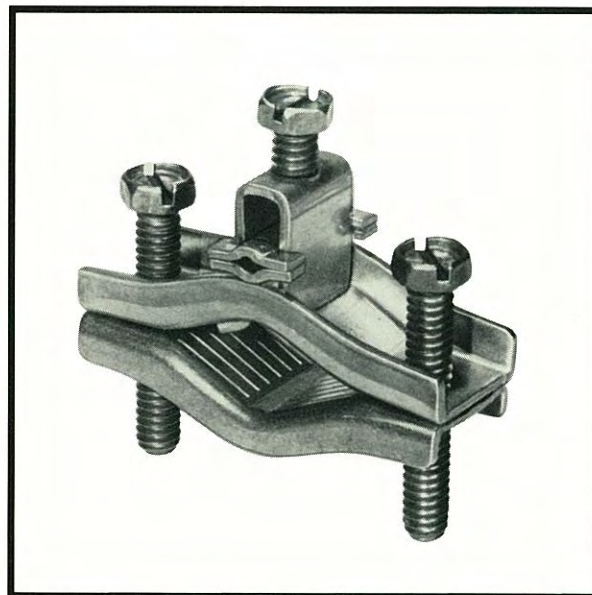
Applications

The C Ground Clamp is used to attach ground wire to cold-water pipe, electrical conduit, or ground rods from 0.5-inches to 1.25 inches.

Description

The C Ground Clamp is a brass, 2-piece, saddle-type clamp designed to attach sizes 6-, 10-, or 12-gauge ground wire. It comes in packages of five.

Product Code	Comcode
8981	402 689 822



Clip, B Baseboard

Applications

The B Baseboard Clip is used to attach D inside wire to baseboard or trim moldings in both residential and small business installations.

Description

This clip is made of a clear, flame-retardant polycarbonate, has an adhesive backing, and comes in packages of 15.

Product Code	Description	Comcode
9031	Package of 15 clips	403 103 286
9031	Ten packages of 15 clips	403 100 118

Clip, B Bond

Applications

The B Bond Clip is used to provide temporary shield continuity across a splice opened during splicing or whenever a splice case or lead sleeve is opened. (For making permanent electrical bonds, see B Bond Clamp.)

Description

The B Bond Clip consists of a formed copper clip with inner projections for making contact with 24-gauge stranded copper wire and with the aluminum cable shield.

Comcode (100/Package)	Comcode (500/Package)
997 302 633	997 126 586

Clip, B Cord

Applications

The B Cord Clip is used to attach cords and cables (including flat cable) to walls. It is available in sizes up to 75-pair.

Description

This clip has an adhesive back that attaches securely to any clean, smooth surface and sets in minutes. Cables can be inserted and removed by snapping them into and out of the clip. The B1 clip fits wire up to 25 pair, the B2 clip fits 25-pair wire, and the B3 fits 50- and 75-pair wire.

Product Code with Color Suffix	Color	Comcode
B1-3	Black	400 717 559
B1-51	Green	400 717 591
B1-58	White	400 717 617
B1-60	Beige	400 717 625
B1-61	Gray	400 717 641
B2-3	Black	400 717 567
B2-51	Green	400 717 609
B2-58	White	400 725 461
B2-60	Beige	400 717 633
B2-61	Gray	400 717 658
B3-3	Black	400 717 575
B3-51	Green	400 719 084
B3-58	White	400 719 092
B3-60	Beige	400 719 100
B3-61	Gray	400 719 118

Clip, C Cord

Applications

The C Cord Clip is used to attach cords to desks and walls.

Description

This clip is an extruded plastic strip with one side covered in double-faced adhesive that allows easy installation and removal on clean, dry surfaces. It comes in six sizes ranging from 0.125 inches to 0.5 inches.

Product Code	Size (In.)	Comcode
8921-C1	0.125	402 326 136
8921-C2	0.1875	402 326 133
8921-C3	0.25	402 326 151
8921-C4	0.3125	402 326 169
8921-C5	0.375	402 326 177
8921-C6	0.5	402 644 132

Covers, Connector and Plug

Applications

The Connector and Plug Covers are protective housings and supports for the multicontact connectors and plugs used with key telephone systems. They come in 12 different sizes and are used as follows:

- The L1, L2, and L3 Connector and Plug Covers are used to protect and/or support the 3-finger group of connectors associated with 75-pair cable.
- The L6, L7, and L8 Connector and Plug Covers are used to protect and/or support the 5-finger connectors associated with 100-pair cable.
- The L12, L13, and L14 Connector and Plug Covers are used to protect and/or support the single connectors associated with 25-pair cable.
- The L16, L17, and L18 Connector and Plug Covers are used to protect and/or support the 6-finger connectors associated with 150-pair cable.

Description

Each connector and plug cover comes with a bracket and screws, a magnetic assembly, or an adhesive bracket that may be screwed to an outlet box or flat surface, as specified below.

Product Code	Application	Mounting	Comcode
L1	75-pair cable	Bracket & screws	400 461 257
L2	75-pair cable	Magnetic assembly	400 461 265
L3	75-pair cable	Adhesive bracket	400 461 273
L6	100-pair cable	Bracket & screws	400 461 281
L7	100-pair cable	Magnetic assembly	400 461 299
L8	100-pair cable	Adhesive bracket	400 461 307
L12	25-pair cable	Bracket & screws	400 604 641
L13	25-pair cable	Magnetic assembly	400 604 658
L14	25-pair cable	Adhesive bracket	400 604 633
L16	150-pair cable	Bracket & screws	401 437 777
L17	150-pair cable	Magnetic assembly	401 437 785
L18	150-pair cable	Adhesive bracket	401 437 793

F Clip Terminal Insulator

Applications

The F Clip Terminal Insulator is used to mark circuits that require special service protection or special safeguarding measures.

Description

The F Clip Terminal Insulator is a small red plastic clip, available in one-pair size only, that mechanically protects one pair at the cross connect without interference to the adjacent pairs.

Product Code	Comcode
AT-8660	401 149 802



Housing, 304

Applications

The 304 Housing is floor-mounted and used to house the 1A-4P Adapter (see Section 4), which connects round cable to flat undercarpet cable.

Product Code	Comcode
304	403 401 833

Housing, WSB-10

Applications

The WSB-10 Housing is a wall-mounted junction box used to hold 1A-4P Adapters (see Section 4), which join undercarpet cable and round cable.

Description

The WSB-10 is a metal box with a gray cover that can be painted, or the entire box can be mounted behind the baseboard molding.

Specifications

Length: 14 in.

Height: 6.375 in.

Depth: 1.4375 in.

Product Code	Comcode
WSB-10	403 723 356

Impact Tool, AT-8762 D

Applications

The AT-8762 D Impact Tool is used to hard-wire terminations (one wire at a time) on 110-type connecting blocks, particularly in installations where numerous cutdowns are required.

Description

This tool consists of a plastic handle and a metal head. It has an adjustment switch on the handle that is labeled HI for 22-gauge or larger conductors and LO for 24- or 26-gauge conductors. It uses a 110 reversible blade that inserts, or inserts and cuts off the scrap end of, conductors. There is a cavity in the handle for storing an extra blade.

Product Code	Description	Comcode
8762D	Handle	402 024 723
8762D-88	Blade for 110 block	402 024 699



Impact Tool, 110, 788J1

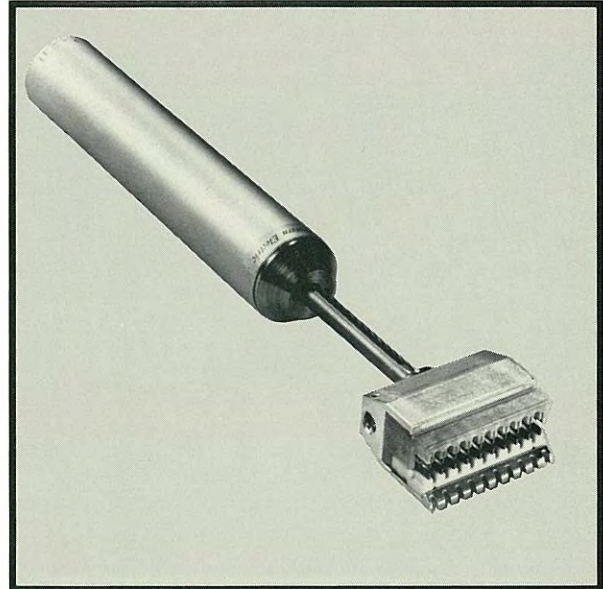
Applications

The 788J1 110 Impact Tool is used to insert and trim up to ten cable conductors at a time and to seat the 110C Connecting Block. It can be used with 3, 4, and 5 pairs of wires.

Description

The 788J1 tool has a reversible head that inserts, or inserts and cuts off the scrap ends of, conductors. A replacement head, 788M1, can be ordered separately.

Product Code	Comcode
788J1	102 648 839
788M1	102 995 420



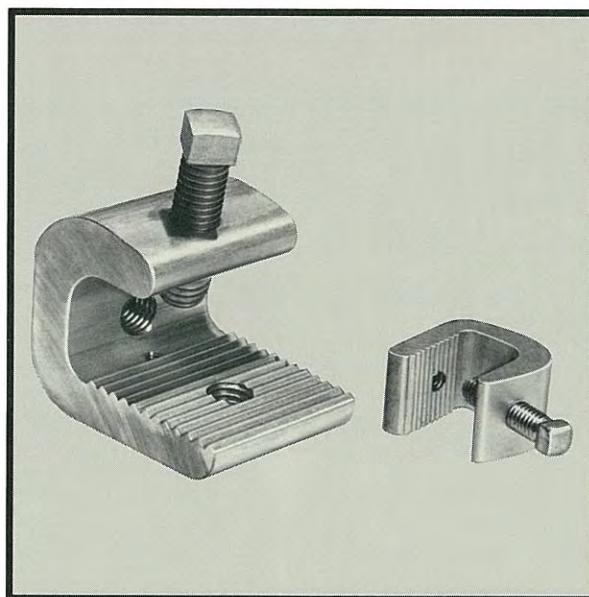
Insulator Supports

Applications

The Insulator Supports are used as attachments for drop and block wire on structural steel framework.

Description

The Insulator Supports consist of a malleable cast-iron frame with a set screw for securing a support in place and holes for mounting S or T knobs or bridle rings. They are available in seven sizes.



Specifications

Product Code	Thread Diameter, Back	Thread Diameter, Bottom	Length (In.)	Height (In.)	Width (In.)	Comcode
7772B	10-24	—	1.25	1.5625	1	400 273 108
7772C	1/2-13	10-24	2.875	2.125	2.0625	400 273 116
7772D	3/8 CL	10-24	2.6875	1.9375	1.5	400 273 124
7772E	1/2-13	—	2.5	2.3125	2.4375	400 273 132
7772F	3/8-16	—	2	2	2	400 273 140
7772G	5/16-18	—	1.625	1.75	1.375	400 273 157
7772H	1/4-20	—	1.25	1.5625	1	400 071 048

Modular Stripping Tool, MST-XP26

Applications

The MST-XP26 Modular Stripping Tool is used to strip PVC cable jackets from 4-pair, 26-gauge, flat under-carpet cable.

Description

The MST-XP26 Stripping Tool is a 1-piece unit that contains two replaceable blades.

Product Code	Comcode
MST-XP26	900 728 635

Patch Cord Storage Box, 110 Patch Panel System

Applications

The 110 Patch Panel System Patch Cord Storage Box is wall-mounted and provides storage for spare patch cords used with the 110 patch panel system.

Description

This storage box is a steel container with top and bottom compartments for storing spare patch cords.

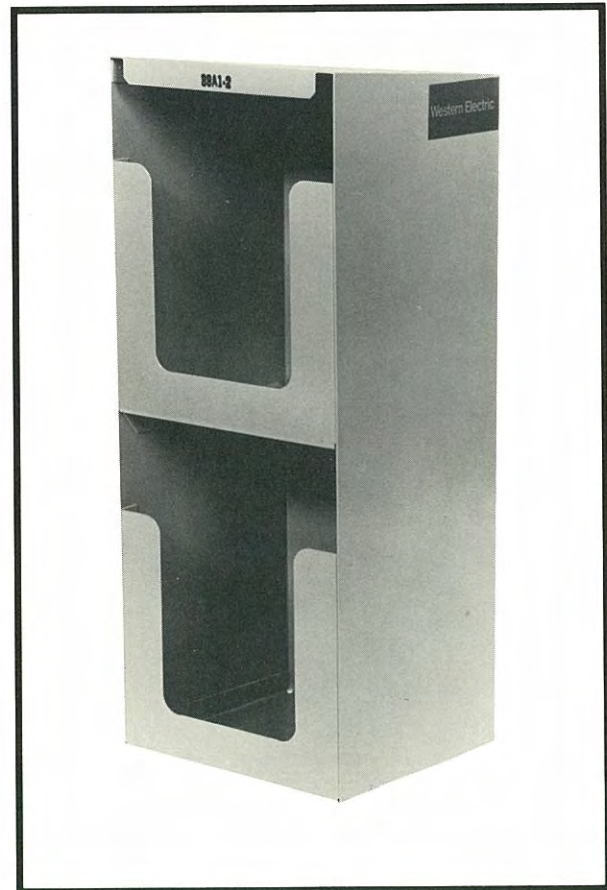
Specifications

Length: 14.5 in.

Width: 5.36 in.

Depth: 5.5 in.

Product Code	Comcode
88A1-2	103 083 218



Clamp, Bonding Ribbon

Applications

The Bonding Ribbon Clamp is used to ground bonding ribbon connected to either the 51D3-LG2 or UCB1 Lightguide Closure.

Description

The Bonding Ribbon Clamp is a tinned copper ribbon and clamp.

Product Code	Comcode
AT-6567	400 121 364

Consumable Kit, D181163

Applications

The D181163 Consumable Kit is used to mount array connectors on ribbon cable.

Description

The D181163 Consumable Kit contains enough supplies to mount one array connector. The entire kit consists of:

- a texmet paper
- a silicon carbide paper
- a package of TEXWIPEs®
- a package of paper towels
- a container of 6-1 epoxy
- an aluminum dish
- an end cap
- stripping compound
- release agent
- a container of epoxy for strain relief
- a container of micropolish
- a strain net
- two single-edge razor blades
- two stirring sticks
- two chips
- two positive chips



Product Code	Comcode
D181163	103 709 457

Consumable Kit, D181338

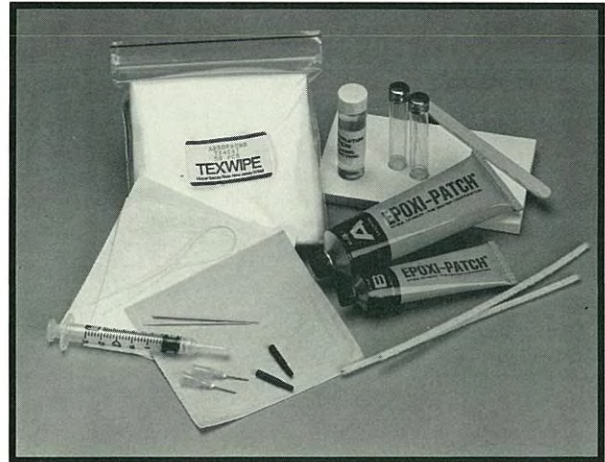
Applications

The D181338 Consumable Kit is used to mount ST (P2020A-C-125) Connector Plugs on 1860A, 1861A, 1862A, or LGBC Series cables.

Description

The D181338 kit contains enough supplies (except alcohol and compressed air) to mount approximately 100 ST connector plugs. The entire kit consists of:

- a stock list
- a strand of music wire in a vial
- 100 connector inserts
- a package of toothpicks
- a mixing pad
- two packages of TEXWIPEs
- six 2-dram bottles of stripping solution
- ten pipe cleaners
- ten threaders
- ten spare sleeves
- 25 1-micron polishing papers
- 25 5-micron polishing papers
- 25 syringes
- 25 dispensing tips
- a 4-gram package of epoxy



Product Code	Comcode
D181338	104 219 761

D Encapsulant

Applications

D Encapsulant is used to protect splices on air core and waterproof cables, and at the interface between air core and waterproof cables. It is designed for use in buried closures but should *not* be used in aerial applications.

Description

D Encapsulant is a liquid, fast-setting, all-weather, 2-part, reenterable splice encapsulant. It comes in containers of five different sizes.

Product Code	Grams	Comcode
D-1000	500	104 174 818
D-1000	750	104 174 826
D-1000	1900	104 174 834
D-1000	5000	104 174 842
D-1000	8000	104 178 611

Hardware, Sheath Termination (STH)

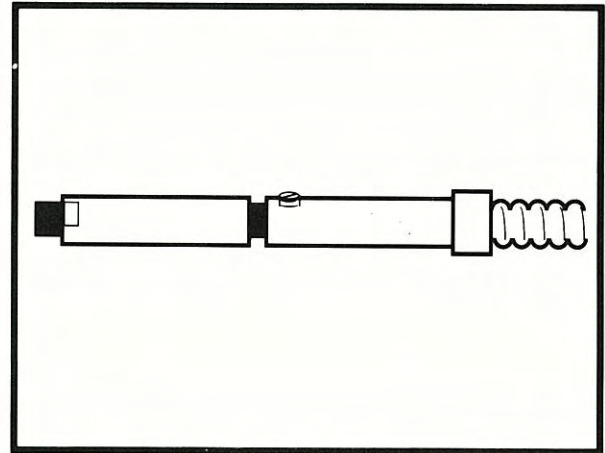
Applications

Sheath Termination Hardware (STH) is used to protect the ends of connectorized ribbon cable during installation.

Description

STH is a metal cap, equipped with a pulling eye, that fits over a 1009C Array Connector.

Product Code	Comcode
F-61533 (used with metallic ribbon cables)	103 692 364
F-61685 (used with nonmetallic ribbon cables)	103 863 429



Index Matching Gel

Application

Index Matching Gel is used to fill the small air gap at the assembled junction of two arrays when they are spliced. It reduces the splice loss because it has the same index of refraction as the fiber.

Description

Index Matching Gel is an RTV compound that comes in a tube. There is a minimum order of five kits for this component.

Product Code	Comcode
AT-8955	402 698 302

Innerduct, B

Applications

B Innerduct is used as a protective conduit for lightguide cables in underground applications.

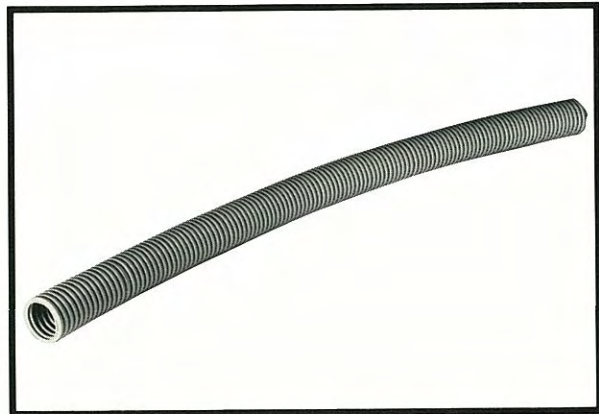
Description

B Innerduct is a high-density polyethylene pipe that is shipped on nonreturnable wooden reels. It can be ordered with colored marks to make cable identification easier.

Specifications

Inside Diameter: 1 in.

Wall Thickness: 0.1875 in.



Product Code	Description	Comcode
AT-8954	Innerduct with white mark	402 522 304
AT-8954	Innerduct with orange mark	402 522 312
AT-8954	Yellow innerduct	402 125 529

Innerduct Coupler

Applications

An Innerduct Coupler is used to splice sections of B Innerduct in underground applications.

Description

This coupler is an aluminum tube with opposite internal threads on each end so that B Innerduct can be screwed in from either side.

Specifications

Length: 3 in.

Outside Diameter: 1.5 in.

Product Code	Comcode
AT-8963	402 649 107

Ribbon, Bonding

Applications

Bonding Ribbon is used as a ground wire for the 51D3-LG2 and UCB1 Lightguide Closures as well as various cables.

Description

Bonding ribbon is a metallic ribbon that comes on a 5-lb spool.

Product Code	Comcode
AT-6868	400 260 337

Sealer, Duct B

Applications

Duct B Sealer is used to seal a duct with more than one innerduct running through it and to seal the space between a cable and an innerduct. It can be used in situations where a permanent, watertight and gastight seal is required.

Description

Duct B Sealer comes in a two-part package consisting of a collapsible tube and a friction-top can. The two paste-like materials, one red and one cream-colored, are combined just prior to use. One package makes from one to two seals, depending on the duct and cable size.

Product Code	Comcode
AT-7774	400 264 867

Support, Lashed Cable C

Applications

The Lashed Cable C Support is used to rack cable in underground applications.

Description

The Lashed Cable C Support is a black molded strap with a molded ratchet buckle on one end, which is self-locking and nonreleasable.

Specifications

Length: 27.5 in.

Width: 0.25 in.

Product Code	Comcode
C13-1/2 P50	400 898 300

Tool Kit, 1030B

Applications

The 1030B Tool Kit is used to splice ribbon cables that are terminated with array connectors.

Description

The 1030B Tool Kit consists of two parts. The first part contains:

- a 26A shelf
- a high-intensity lamp
- a 5X eye loupe
- a 10X eye loupe
- a 6-inch SST ruler
- a universal closure bracket
- a 938B ribbon grommet tool
- a 939C multiple vacuum fixture
- two 136A brackets
- two 933A 20-mil spring clip tools
- two 933B 30-mil spring clip tools
- two 0.375-16 x 1.0 hex-head bolts
- two 0.375-16 SST hex nuts
- three 939B vacuum fixtures
- four flat washers

The second part contains:

- a vacuum pump
- a "T" fitting
- two 42-inch bars
- two modified cable hooks
- two brackets
- two 0.25-20 x 0.50 screws
- four bar bracket assemblies



Product Code	Comcode
1030B	103 762 787

Tool Kit, 1032A

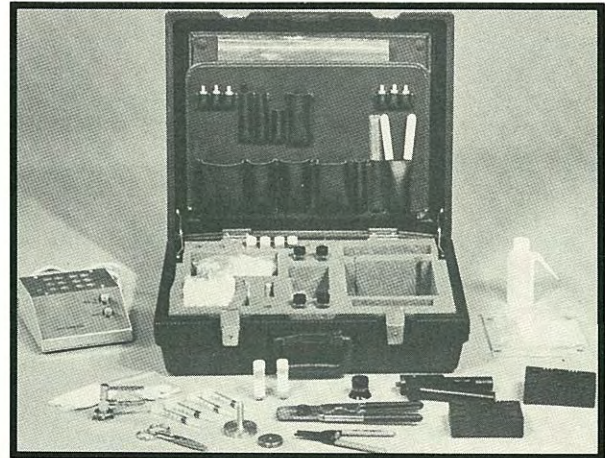
Applications

The 1032A Tool Kit is used to field-mount ST (P2020A-C-125) Connector Plugs on 1860A, 1861A, 1862A, or LGBC Series cables.

Description

The 1032A kit contains all the tools (except alcohol and compressed air) needed to mount approximately 100 ST connector plugs. The kit consists of:

- a 100A crimping tool
- a 200A curing oven
- a 300A microscope
- a 400A polishing tool
- a 500A insertion tool
- a 700A stripping tool
- a 975A cleaving tool
- a pair of scissors
- a 6-inch scale
- a canned air nozzle
- a bottle for alcohol
- an instruction sheet
- a glass plate
- a carrying case
- a label
- a stock list
- a 7X eye loupe
- an R4366 stripping tool
- two 971A-1 holding blocks
- four adhesive pads
- twelve 600A connector holders



Product Code	Comcode
1032A	103 808 416

Unit Splitter

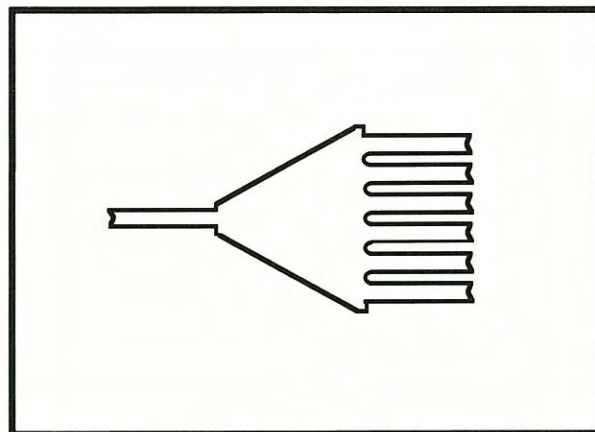
Applications

The Unit Splitter is used to route individual fibers from a ribbon cable to more than one storage leaf in a Lightguide Organizer.

Description

The Unit Splitter is a plastic piece with a single entrance port at one end and six exit ports for individual fibers at the other. Each Unit Splitter Kit contains 20 splitters.

Product Code	Comcode
D181348	104 225 198



Cable Tie, E Adhesive

Applications

The E Adhesive Cable Tie is used in customer installations to bind and mount wires, cords, and inside wiring into orderly harnesses.

Description

The E Adhesive Cable Tie is a molded nylon strip with an integral self-locking mechanism attached to a molded plastic base. The base has a pressure-sensitive adhesive backing and at least one hole for fastener mounting where appropriate.

Product Code	Comcode
8742	401 302 088

Cable Tie, Nylon

Applications

Nylon Cable Ties are used to band and secure wires and cables.

Description

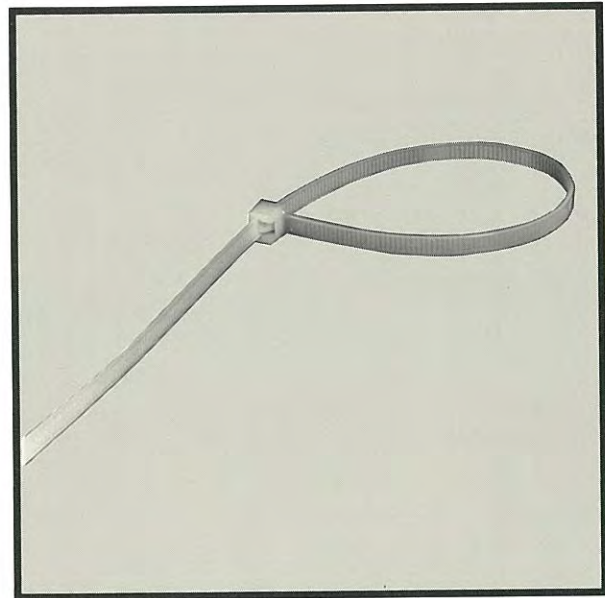
The ties are flat, injection-molded straps with a self-locking mechanism. They are constructed without sharp edges and are available in a standard gray or other colors. L1, L2, and L3 ties are used to band and secure wires and cables on vertical or horizontal distribution frames; L4 and L5 ties are used to band and secure wires and cables; L6 ties are reusable and are tensioned manually for use where a releasable tie is needed; L7 ties are used to secure key shelf cables in switchboards; L8 ties are used to secure cables to woodwork in switchboard sections.

Product Code	Comcode (100/Package)	Comcode (1000/Package)
K520896-L1	401 682 265	401 682 273
K520896-L2	401 682 281	401 682 299
K520896-L3	401 891 719	401 682 315
K520896-L4	401 682 323	401 682 331
K520896-L5	401 684 287	401 684 295
K520896-L6	401 682 349	401 682 356
K520896-L7	401 682 364	401 682 372
K520896-L8	401 737 929	401 737 937

An additional Comcode has been assigned for the eight types of cable ties so they can be ordered in colors other than the standard gray. To order the ties in a different color, the code number must be followed by a suffix corresponding to color. The colors and corresponding suffixes are:

Color	Suffix
Black	-0
Brown	-1
Red	-2
Orange	-3
Yellow	-4
Green	-5
Blue	-6
Purple	-7
Carbon Black*	-X

* The carbon black cable ties are for outdoor use and can be ordered with L1, L4, and L7 ties only.



The following Comcodes should be used when ordering cable ties in colors:

Product Code	Comcode (100/Package)	Comcode (1000/Package)
K520896-L1	401 908 017	401 908 025
K520896-L2	401 908 033	401 908 041
K520896-L3	401 908 058	401 908 066
K520896-L4	401 908 074	401 908 082
K520896-L5	401 908 090	401 908 108
K520896-L6	401 908 116	401 908 124
K520896-L7	401 908 132	401 908 140
K520896-L8	401 908 157	401 894 977

Duct Tape, TDC-2

Applications

TDC-2 Duct Tape is used to anchor undercarpet cable.

Description

TDC-2 Duct Tape is a silver-gray fabric tape, bonded on one side.

Specifications

Roll Length: 60 yd

Roll Width: 2 in.

Product Code	Comcode
TDC-2	900 556 754

Fire-Stop Seal Kit

Applications

The Fire-Stop Seal Kit is used to seal the area around a riser cable so that a fire will not spread from floor to floor within a building, or to seal holes in fire-rated walls where cable is run.

Description

The kit contains bars of UL-classified fire-stop putty, sheets of UL-classified ceramic fiber forming board, ceramic fiber insulation, and 12-gauge galvanized iron support wire. The kit is nontoxic, asbestos-free, and is suitable for use in walls and floors with up to a 3-hour fire rating. It is available for the following size openings:

- 4 in. circular
- 6 in. circular
- 6 in. x 12 in. rectangular
- 12 in. x 24 in. rectangular

Product Code	Description	Comcode
AA418	4-in. circular kit	403 766 629
AA419	6 in. circular kit	403 766 637
AA414	6 in. x 12 in. kit	403 766 603
AA416	12 in. x 24 in. kit	403 766 611
AA41F	Ceramic fiber (5 2-lb bags)	403 766 595
AA400	Putty (10 2-lb bars)	403 780 976

Floor Preparation, TP-17

Applications

TP-17 Floor Preparation is used to ensure maximum adhesion of PVC and duct tapes to a surface.

Description

TP-17 Floor Preparation comes in an aerosol spray can.

Product Code	Comcode
TP-17	403 724 016

Modular Line Tester

Applications

The Modular Line Tester is used to detect common battery voltage and tip and ring polarity in modular jacks. It is for testing only and should *not* be left in a telephone line.

Description

The Modular Line Tester is a polar line tester that tests analog connectivity; it lights if tip and ring are functioning properly.

Product Code	Comcode
MLT-1	403 608 326

Optical Loss Set, 938A

Applications

The 938A Optical Loss Set (OLS) is used to test active and passive lightguide components, installations, and systems.

Description

The 938A OLS is a modular, portable test set that combines the features of an optical power meter and stabilized optical source in a battery-operated, hand-held unit. Microprocessor control of complex functions provides uncomplicated operation, eliminating the need for extensive operator training and reducing user-related measurement error. The 938A OLS may be used as a high-sensitivity power meter on multimode fibers. Its internal detector is comprised of an Indium-Gallium-Arsenide (InGaAs) compound and is calibrated at four wavelengths, has a power measurement range of +3 to -60 dBm (2mW to 1 nW), and is accurate within a range of $\pm 5\%$.

The 938A mainframe will accept a variety of stabilized LED optical source modules (OSMs). These plug-in modules are user interchangeable and require no special tools. A precision interface between the 938A and bare or terminated optical fiber is provided by connector adapters, which are available for many popular connector designs.

Specifications

Physical Specifications

Length: 6.5 in.
Height: 1.5 in.
Width: 3.5 in.
Weight: 1 lb
Operating Temperature: 10 to 40°C
Storage Temperature: 20 to 60°C
Relative Humidity: 70% noncondensing

Electrical Specifications

Peak Wavelength for Standard Modules:

+10 nm at 850 nm (nominal)
+20 nm at 1300 nm (nominal)

Spectral Width (FWHM):

50 nm at 850 nm
150 nm at 1300 nm

Output Stability: ± 0.5 dB over 8 hours at constant temperature

Product Code	Description	Comcode
938A	Optical loss set (mainframe and instruction manual)	104 374 137
938A1	Optical loss set, including 875- & 1300-nm sources, an ST connector adapter, a biconic connector adapter, a data link connector adapter, a 120 Vac adapter, a carrying case, and an instruction manual	104 391 131
9C	850-nm source module	104 391 073
9E	1300-nm source module	104 391 099
1A	Biconic connector adapter	105 219 158
2A	Data link connector adapter	105 219 166
3A	ST connector adapter	105 219 174
24A	Carrying case	104 391 032
364A	120 Vac adapter	105 219 455

Protective Tape

Applications

Protective Tape is used to protect undercarpet cable.

Description

Protective Tape is a 10-mil PVC tape with a releasable backing.

Specifications

Roll Length: 100 ft

Roll Width: 2 in., 5 in.

Product Code	Comcode
TPVC2	900 556 762
TPVC5	900 556 747

Protective Under Layer, TA-3

Applications

TA-3 Protective Under Layer is used to anchor under-carpet cable.

Description

TA-3 Protective Under Layer is an 8-mil metallic tape with plastic film, bonded on both sides.

Product Code	Comcode
TA-3	900 690 702

Sealant Coating

Applications

Sealant Coating is used to protect modular connectors and other communications hardware from dirt, moisture, and corrosive environments.

Description

The sealant is a heavy grease material that is compounded to form a protective skin when exposed to air. It functions as a high-dielectric lubricant at electrical connections.

Comcode
403 591 092

Tape Distributor

Applications

The Tape Distributor is used to apply double-sided protective PVC tape for undercarpet cable. This can be done while the craftsperson is walking, allowing one person to do the job.

Product Code	Comcode
TD-2X5	403 725 401

Transfer Unit, Power Fail Automatic

Applications

The Power Fail Automatic Transfer Unit is used between outside lines and a PBX to provide automatic power transfer as well as ground start capability in the event of a commercial power failure. Eliminating the need for additional wiring and the addition of ground start buttons, the transfer unit automatically provides telephone service to five of a company's most important lines after a power failure.

Description

This wall-mounted unit features input and output via RJ11-type connectors.

Specifications

Length: 10 in.

Width: 2.375 in.

Depth: 2.9375 in.

Product Code	Comcode
572-5RJ	403 608 391

Wall Rings

Applications

Wall Rings are used to bundle wires and cables neatly.

Description

These rings are made of flame-retardant plastic and come in two sizes: one accommodates bundles up to 2.25 inches and the other accommodates bundles up to 3.625 inches.

Description	Comcode
2.25-in. ring	401 516 992
3.625-in. ring	401 517 008