

FASTENERS

INSULATED CRIMP TERMINALS

1/4" QUICK DISCONNECT MALE

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	2125	22-18	RED	3.00	5.50	22.00	38.00
	2225	16-14	BLUE	3.00	5.50	22.00	38.00
	2325	12-10	YELLOW	3.60	6.10	28.50	55.00

1/4" QUICK DISCONNECT FEMALE

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	1125	22-18	RED	3.00	5.50	22.00	38.00
	1225	16-14	BLUE	3.00	5.50	22.00	38.00
	1325	12-10	YELLOW	4.00	7.20	30.50	57.50

1/4" FULLY INSULATED MALE

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	4125	22-18	RED	5.40	9.00	38.50	66.00
	4225	16-14	BLUE	5.40	9.00	38.50	66.00

1/4" FULLY INSULATED FEMALE

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	6125	22-18	RED	5.40	9.00	38.50	66.00
	6225	16-14	BLUE	5.40	9.00	38.50	66.00

1/4" PIGGY-BACK

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	3125	22-18	RED	5.40	9.00	38.50	66.00
	3225	16-14	BLUE	5.40	9.00	38.50	66.00

3/16" QUICK DISCONNECT FEMALE

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	1150	22-18	RED	3.00	5.50	22.00	38.00
	1250	16-14	BLUE	3.00	5.50	22.00	38.00

3/16" QUICK CONNECT MALE

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	2150	22-18	RED	3.00	5.50	22.00	38.00
	2250	16-14	BLUE	3.00	5.50	22.00	38.00

BUTT CONNECTORS

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	5100	22-18	RED	3.00	5.50	22.00	38.00
	5200	16-14	BLUE	3.00	5.50	22.00	38.00
	5300	12-10	YELLOW	4.00	7.20	30.50	57.50

END CAPS

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	0100	22-18	NATURAL	3.00	5.50	22.00	38.00
	0200	22-14	NATURAL	3.00	5.50	22.00	38.00
	0300	22-10	NATURAL	3.50	6.00	28.35	54.50


FULLY INSULATED MALE BULLET CONNECTORS

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	5400	22-18	RED	3.00	5.50	22.00	38.00
	5500	16-14	BLUE	3.00	5.50	22.00	38.00


FULLY INSULATED FEMALE BULLET CONNECTORS

	CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
	5600	22-18	RED	4.00	7.20	30.50	57.50
	5700	16-14	BLUE	4.00	7.20	30.50	57.50

SPADE TERMINALS

	CAT#	WIRE SIZE	COLOR	STUD SIZE	50 PCS	100 PCS	500 PCS	1,000 PCS
	9106	22-18	RED	6	3.00	5.50	22.00	38.00
	9108	22-18	RED	8	3.00	5.50	22.00	38.00
	9110	22-18	RED	10	3.00	5.50	22.00	38.00
	9206	16-14	BLUE	6	3.00	5.50	22.00	38.00
	9208	16-14	BLUE	8	3.00	5.50	22.00	38.00
	9210	16-14	BLUE	10	3.00	5.50	22.00	38.00
	9308	12-10	YELLOW	8	4.00	7.20	30.50	57.50
	9310	12-10	YELLOW	10	4.00	7.20	30.50	57.50

RING TERMINALS

	CAT#	WIRE SIZE	COLOR	STUD SIZE	50 PCS	100 PCS	500 PCS	1,000 PCS
	8106	22-18	RED	6	3.00	5.50	22.00	38.00
	8108	22-18	RED	8	3.00	5.50	22.00	38.00
	8110	22-18	RED	10	3.00	5.50	22.00	38.00
	8206	16-14	BLUE	6	3.00	5.50	22.00	38.00
	8208	16-14	BLUE	8	3.00	5.50	22.00	38.00
	8210	16-14	BLUE	10	3.00	5.50	22.00	38.00
	82516	16-14	BLUE	5/16	4.25	7.50	31.00	59.00
	8308	12-10	YELLOW	8	5.40	9.00	38.50	66.00
	8310	12-10	YELLOW	10	5.40	9.00	38.50	66.00
	83516	12-10	YELLOW	5/16	6.25	11.00	52.00	90.00

52263	8-0/4	RED	10	10/\$3.00	25.00	150.00
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RED INSULATED HOOK TERMINAL, #10 STUD

Red insulated crimp terminal for 22-18AWG wire. **CAT# 6100**
 50 for \$2.50 100 for 4.5¢ each 500 for 4¢ each 1000 for \$0.032 each



CRIMP TOOL



For insulated and uninsulated solderless terminals, butt connectors and end caps. Also crimps D-sub and other connector pins.
CAT# CT-1 \$8.75 each

CABLE TIES



CAT#	LENGTH	MIN. TENSIL STRENGTH	COLOR	MAX. BNDL DIA.	10	100	1000
TR-400	4"	18 lbs	neutral	15/16"	.30	\$2.50	\$15.00
TR-400B	4"	18 lbs	black	15/16"	.35	\$3.00	\$17.50
TR-600	6"	30 lbs	neutral	1 1/2"	.50	\$4.00	\$30.00
TR-600B	6"	30 lbs	black	1 1/2"	.50	\$4.00	\$30.00
TR-800	8"	50 lbs	neutral	1 3/4"	.60	\$5.00	\$40.00
TR-800B	8"	50 lbs	black	1 3/4"	.70	\$6.00	\$50.00
TR-1100	11"	50 lbs	neutral	3"	.70	\$6.00	\$50.00
TR-1100B	11"	50 lbs	black	3"	.80	\$7.00	\$60.00
TR-1500	15"	50 lbs	neutral	4"	\$1.00	\$8.00	\$70.00
TR-1500B	15"	50 lbs	black	4"	\$1.00	\$8.00	\$70.00

ADHESIVE-BACKED TIE MOUNTS

These tie mounts are used to hold the above tie wraps to a flat surface.



3/4" square	10 - 40 lbs ties	CAT# TM-1	10 for \$1.20	100 for \$9.50	1000 for \$85.00
1" square	18 - 50 lbs ties	CAT# TM-2	10 for \$1.40	100 for \$10.00	1000 for \$95.00

WIRING NUTS



SIZE	COLOR	CAT#	50	100	500	1000
Fits 18-28 ga. wire	Grey	WN-1	\$2.00	\$3.50	\$15.00	\$25.00
Fits 18-24 ga. wire.	Blue	WN-2	\$3.00	\$5.50	\$25.00	\$45.00
Fits 16-22 ga. wire	Orange	WN-3	\$3.75	\$7.00	\$32.50	\$60.00
Fits 18-12 ga. wire	Yellow	WN-4	\$3.75	\$7.00	\$32.50	\$60.00

QUICK SPLICE

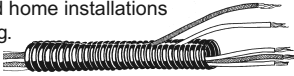


CAT#	WIRE SIZE	COLOR	50 PCS	100 PCS	500 PCS	1,000 PCS
7100	22-18	RED	5.50	10.00	47.00	75.00
7200	16-14	BLUE	5.50	10.00	47.00	75.00

SPLIT-LOOM TUBING

Dress up auto and home installations with split-loom tubing.

Allows exit or entry of wires at any point.



DIA.	COLOR	CAT#	PER FT	100 FT
1/4"	black	SLT-14	12¢	\$9.00
3/8"	black	SLT-38	15¢	\$10.00
1/2"	black	SLT-12	19¢	\$12.00
5/8"	black	SLT-58	25¢	\$18.00
3/4"	black	SLT-34	29¢	\$18.00

Minimum order 10' of one size.

TELECOM CONNECTORS

For 19- 26 AWG wire. Simply put wires in place and push button with pliers or crimping tool. Filled with silicone gel to insulate and improve conductance.

2-WIRE BUTT SPLICE - YELLOW

CAT # UYC 10 for \$2.00
50 for \$7.50 • 100 for \$11.00



3-WIRE BUTT

SPLICE - RED CAT # URC
10 for \$2.50 • 50 for \$10.00 • 100 for \$14.00



TAP CONNECTOR

Allows user to tap directly into an existing wire without cutting.

CAT # UBC 10 for \$2.50
50 for \$10.00 • 100 for \$14.00



IN-LINE SPLICE

CAT # BSL-2
10 for 90¢ • 50 for \$3.50 • 100 for \$6.50



MALE/FEM. 3/8" HEX STANDOFFS

Threaded male-female standoffs. 3/8" diameter. Anodized steel.



Length	Thread	CAT#	Price	10
4"	12-24	SP-298	.65	\$5.50
6"	10-32	SP-299	.80	\$6.50

NYLON SPACERS, NON-THREADED



Length	Dia.	Hole	CAT #	10	100	1000
0.25"	0.25"	#8	SP-42	0.80	5.00	35.00
0.31"	0.25"	0.125"	SP-91	0.80	5.00	35.00
0.50"	0.25"	#8	SP-58	0.90	5.50	40.00
0.6"	0.13"	18awg	SPC-5	0.40	3.00	20.00
0.62"	0.25"	#8	SP-66	0.95	5.75	42.50

HOOK & LOOP FASTENERS

"WRAPPERS"

Black hook & loop straps for bundling and fastening of cables, tools, fishing poles, sporting goods.

12.5" x 0.5" CAT# WR-1
\$1.00 each • 10 for 85¢ each



CABLE TIE ANCHOR MOUNT

Panduit# TA1S8-M. Low-profile nylon anchor for cable ties.

Installs with screw or rivet (not included). 4-way cable entry.

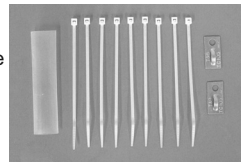
19 x 9.5 x 5.1mm high. Up to #8 screw.
CAT# TAM-4 10 for \$1.50
100 for 11¢ each



CABLE TIES, MOUNTING BASES, HS TUBING KIT

Pre-packaged kit with some useful mil-spec quality items: 9 - 4" cable ties (MS3367-4-9), 2 - aluminum tie-down bases (T&B # TC-105) and an 80mm length of clear 0.5" heat shrink tubing (M23053/5-208-C).

CAT# KT-10 3 for \$1.00



PANDUIT WIRE CLIPS

Low profile design holds wires, cables, and tubing up to 22mm in width. Convenient releasable latch. Recessed hole for #6 screw. For indoor use only.

Material: Nylon 6.6. CAT# WC-2
10 for \$1.00 • 200 for 8¢ each



HEAT SHRINKABLE TUBING & ACCESSORIES

4' LENGTH OF HEATSHRINK TUBING

Polyolefin heat shrinkable tubing shrinks to 50% of its original diameter when heated. It forms a tight mechanical bond even over irregularly shaped materials.

Size listed is expanded (pre-shrunk) diameter.

Dia.	Color	CAT#	Per 4'
3/64"	BLACK	HUG-364B	\$1.15
	RED	HUG-364R	\$1.15
	WHITE	HUG-364W	\$1.15
	CLEAR	HUG-364C	\$1.15
1/16"	BLACK	HUG-116B	\$1.20
	RED	HUG-116R	\$1.20
	WHITE	HUG-116W	\$1.20
	CLEAR	HUG-116C	\$1.20
3/32"	BLACK	HUG-332B	\$1.25
	RED	HUG-332R	\$1.25
	WHITE	HUG-332W	\$1.25
	CLEAR	HUG-332C	\$1.25
1/8"	BLACK	HUG-18B	\$1.35
	RED	HUG-18R	\$1.35
	WHITE	HUG-18W	\$1.35
	CLEAR	HUG-18C	\$1.35
3/16"	BLACK	HUG-316B	\$1.60
	RED	HUG-316R	\$1.60
	WHITE	HUG-316W	\$1.60
	CLEAR	HUG-316C	\$1.60
1/4"	BLACK	HUG-14B	\$1.90
	RED	HUG-14R	\$1.90
	WHITE	HUG-14W	\$1.90
	CLEAR	HUG-14C	\$1.90
3/8"	BLACK	HUG-38B	\$2.15
	RED	HUG-38R	\$2.15
	WHITE	HUG-38W	\$2.15
	CLEAR	HUG-38C	\$2.15
1/2"	BLACK	HUG-12B	\$2.40
	RED	HUG-12R	\$2.40
	WHITE	HUG-12W	\$2.40
	CLEAR	HUG-12C	\$2.40
3/4"	BLACK	HUG-34B	\$3.15
	CLEAR	HUG-34C	\$3.15
1"	BLACK	HUG-1B	\$4.50
	CLEAR	HUG-1C	\$4.50

100' ROLL OF HEATSHRINK TUBING

Dia	CAT#	100' roll
1/16"	HSS-116(X)	\$12.00
3/32"	HSS-332(X)	\$13.00
1/8"	HSS-18(X)	\$15.00
3/16"	HSS-316(X)	\$19.00
1/4"	HSS-14(X)	\$22.00
3/8"	HSS-38(X)	\$25.00
1/2"	HSS-12(X)	\$30.00

X=color. Available colors are Black (B), White (W), Red (R), & Clear (C)
i.e. 1/16" red = **CAT# HSS-116R**

STEINEL HEAT GUN

UltraHEAT™ #SV800

Dual temperature

heat gun provides flameless

heat for applying heat shrink tubing, curing

epoxy, loosening adhesives, heating liquids,

thawing frozen pipes, stripping paint and

many other applications. Dual temperature,

600 deg. F and 800 deg F. 1300 Watts.

Impact resistant housing. Long-lasting heating

element. UL listed.

CAT# HG-800 \$46.75 each



HEATSHRINK TUBING 154 PIECE ASSORTMENT

Have the right piece

of heat shrinkable

tubing when you

need it. Unbreak-

able clear plastic

box with dividers

contains

4 inch lengths of

6 different

diameters:

1/16" - 56 pcs,

3/32" - 35 pcs,

1/8" - 28 pcs,

3/16" - 18 pcs, 1/4" - 9 pcs, 3/8" - 8 pcs.



ASSORTED COLORS:

black, red, clear, yellow, green, blue, white

CAT# HS-4900 \$11.95 per kit

BLACK ONLY: CAT# HS-4901 \$11.95 per kit

DUAL WALL HEATSHRINK TUBING KIT

Dual-wall,

adhesive-lined

heatshrink tubing

assortment.

4" black polyolefin

with adhesive

lining. Shrinks to

half its original diameter when heated, creating a

moisture-resistant, tight, flexible protective seal.

Unbreakable, clear plastic box with dividers.

Contents:

1/8" 12 pcs

1/2" 4 pcs

1/4" 10 pcs

3/4" 3 pcs

3/8" 6 pcs

1" 2 pcs

CAT# HS-4903 \$15.95 per kit



HEATSHRINK CABLE MARKING KIT

1/2" pieces of

black heatshrink

tubing, numbered

0 to 9 for cable

marking applica-

tions. Each num-

ber is supplied in

sizes 1/8", 3/16",

1/4", 3/8", and

1/2". Also includes

60 pieces of colored heatshrink tubing in assorted

sizes. Sorted by number in an unbreakable clear

plastic box. Includes: 300 pieces 1/2" long numbered

markers, assorted diameters. 60 pieces 1/2" long color

markers, assorted diameters.

CAT# HS-4902 \$11.95 per kit



18 GAUGE TEFLON TUBING (NOT SHRINKABLE)

PTFE 18 TW NATURAL.

18 Gauge, thin-wall Teflon tubing.

Natural (white). TFE-TW-300. Type VW-1.

Rated 200C Degrees. 300V rated. Nominal I.D. 0.042".

Wall Thickness: 0.012". CSA. 5' minimum.

CAT# PTFE-18 5' for 75¢

100' for \$10.00 • 1000' for \$80.00

REDUCED PRICE!

F CONNECTORS AND ADAPTERS

CAT#	price	100
 F-56 connector with heavy-duty attached ring. For RG-6U cable. F-56R	10 for \$2.50	\$17.00
 Twist-on F-56 for RG-6 cable FTO-56R	4 for \$1.00	\$15.00
 Twist-on F-59 for RG-59 cable FTO-59R	4 for \$1.00	\$20.00
 Push-on F-59. Makes threaded F connector into a quick connect POF-SW	90¢ each	\$75.00
 Right-angle F connector FRT-2	1.95 each	\$170.00
 75 ohm terminator FTE	3 for \$1.00	\$25.00
 F-61. Chassis mount female F-61	40¢ each	\$25.00
 Splicer, female. Connects 2 male connectors F-81	4 for \$1.00	\$20.00
 Splicer, male. Connects 2 female connectors F-71	\$1.20 each	\$65.00

For grounding two coaxial cables from an outdoor antenna or satellite dish. Two F-connectors, one ground screw. **CAT# GB-20** 85¢ each • 10 for 75¢ each



COAX CRIMP TOOLS

COMPRESSION TOOL FOR F-CONNECTORS

Economical, easy-to-use compression tool for coax compression connectors. Two-way adjustable nesting fixture works with most series 6, 59 compression connectors. Makes a permanent, professional connection that never comes loose.
CAT# CT-56 \$11.95 each









HEX-CRIMP TOOL FOR COAX CONNECTORS

For F, BNC, UHF, TNC, SMA connectors. Creates a solid, even hex crimp on coax fittings and RG59 and RG6 cable.
CAT# CT-007 \$18.00 each



CO-AX CONNECTORS

BNC CONNECTORS

CAT#	#1-9	10-99	100+
MALE CRIMP-ON 3-piece			
 BNC-59	RG-59/62 Cable	.85	.70
 BNC-6	RG-6	.85	.70
 BNC-58	RG-58 Cable	.85	.70
MALE TWIST-ON			
 UG-260TW	RG-59/62 Cable	\$1.00	.85
 UG-6TW	RG-6 Cable	\$1.00	.85
 UG-88TW	RG-58 Cable	\$1.75	\$1.60
		1.25	

BNC RECEPTACLE UG-1094U

Front-mount BNC receptacle. 50 ohm. Teflon dielectric. Gold-plated terminal. Threaded bushing.
CAT# BNC-19 \$1.75 each
10 for \$1.65 each



BNC JACK ISOLATED PANEL MOUNT CONNECTOR

3/8" diameter nylon threaded feed-thru bushing
CAT# BNC-148 \$1.85 each
10 for \$1.50 each











BNC FEMALE BULKHEAD CONN., RG-174




Federal Custom Cable # C1006. BNC female crimp-style connector for RG-174, 188A, 316, B7805A cables. 50 Ohm. Mounts in 13mm dia. flatted chassis hole.
CAT# BNC-174F \$2.25 each



BNC ADAPTERS

CAT#	#1-9	10-99	100+
UG-914 MALE COUPLER			
	Female both ends		
UG-914	.90	.75	.60
BNC COUPLER thru chassis			
	Female both ends		
UG-492	2.10	1.75	1.40
UG-491A/U FEMALE COUPLER			
	Males both ends		
BNC-BNC	1.80	1.50	1.20
UG-306 RIGHT ANGLE ADAPTER			
			
UG-306	2.40	2.00	1.60
UG-274 BNC SPLITTER			
			
BNC-T	1.50	1.25	1.00
BNC-T ADAPTER (3 female fittings)			
			
BNC-T2	2.10	1.75	1.40
50 OHM BNC TERMINATOR			
			
BNC-50	1.20	1.00	.80
75 OHM BNC TERMINATOR			
			
BNC-75	1.20	1.00	.80

75 OHM CABLE SPLITTERS

	2 WAY SPLITTER 5-900 MHZ	
	CAT# TWS-2	\$1.00 each
	3 WAY SPLITTER 5-900 MHZ	
	CAT# TWS-3	\$1.50 each
	4 WAY SPLITTER SPECIAL!!! 5-900 MHZ	
	CAT# FWS-4	\$1.00 each
		10 for 85¢ ea. • 100 for 65¢ ea.

BNC CABLES



50 OHM, RG-58 MALE-MALE

length	CAT#	each	10	100
3 foot	CBL-27	2.50	2.00	1.75
6 foot	CBL-28	3.25	2.75	2.25
15 foot	CBL-29	4.25	3.75	3.25
25 foot	CBL-25	6.50	6.00	5.20
50 foot	CBL-45	8.65	8.30	7.50

75 OHM, RG-59 MALE-MALE



	CAT#	1-9	10-99	100+
6 foot	CBL-30	3.25	2.75	2.25
25 foot	CBL-35	5.50	5.00	4.25

SOLDERLESS BREADBOARDS

Design and change circuits quickly and cleanly. Breadboards accommodate all sizes of dips and discrete components with lead diameters up to 0.032". Interconnect with solid hook-up wire (#22 AWG recommended). Wires and components can be used and re-used many times without damage to board or components.

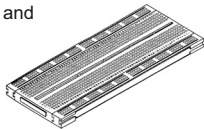
400 tie points. 300 contacts on main board and 50 contacts on each of two power distribution strips. Distribution strips are removable.

CAT # PB-400 \$4.00 each



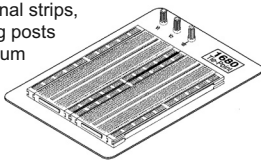
840 contacts. 1 terminal strip and two power buss strips.

2 5/8" X 6 7/8" X 3/8" high
CAT# PB-840 \$7.65 each



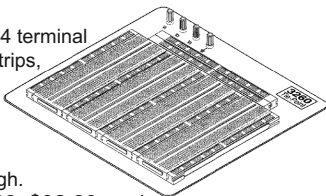
1680 contacts. 2 terminal strips, 4 buss strips, 3 binding posts mounted on an aluminum back plate 5 1/8" X 6 7/8" X 3/8" high.

CAT# PB-1680 \$15.95 each



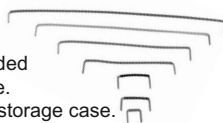
3260 contacts. 4 terminal strips, 7 buss strips, 4 binding posts mounted on an aluminum back plate 7 7/8" X 8 3/4" X 3/8" high.

CAT# PB-3260 \$32.00 each



JUMPER WIRE SETS

Pre-formed jumper wires for use with solderless breadboards. 14 color-coded lengths. AWG 22 solid wire. Unbreakable clear plastic storage case.



140 PIECE ASSORTMENT

10 of each size **CAT # JW-140 \$ 6.25 each**

350 PIECE ASSORTMENT

25 of each size **CAT # JW-350 \$ 12.95 each**

POWERED BREADBOARD

Simplify projecting and prototyping with this triple-output power supply and solderless 2420 tie point breadboard. One fixed and two adjustable supplies, five bus strips and three plug-in strips for DIP and other components.



Features:

DC power supplies:
5Vdc @ 1.5 Amp fixed
0-15Vdc @ 500mA adjustable
0-15Vdc @ 500mA adjustable
Input: 120/ 240Vac @50-60Hz
Overload and short-circuit protection.
Detachable AC power cord.
10.75" x 8.75" x 3.25". 6 lbs.

CAT# PB-4060 \$119.95 each

SOLDERING IRONS AND ACCESSORIES

SOLDERING IRONS AND STATIONS

VARIABLE TEMPERATURE 16-30 WATT SOLDERING IRON

Xytronic Model 258

Professional soldering iron with temperature control on handle. Temperature can be adjusted from 250-450 degrees C (500-800 deg.F), 16-30 Watts. LED hi/ low temperature indicator. Includes long-lasting, chrome plated, iron-clad, pretinned tip (PL-404). 3-conductor grounded power cord. UL.

CAT# IR-258 \$28.95 each



30 WATT SOLDERING IRON

Xytronic 200GX series. Thermally balanced, professional iron with hi-efficiency nichrome heating element. Fast heat-up and recovery time. Comfortable silicone rubber grip. Includes long-lasting chrome-plated, iron-clad, pretinned tip (PL-404). 3-conductor grounded power cord. 480 DEG. C (900 DEG. F). UL.

CAT # IR-230 \$26.95 each



20 WATT ECONOMY SOLDERING IRON

Xytronics 200GX 20W. An inexpensive soldering iron for both professional and D.I.Y. applications.

720F/380C Degrees. 3-wire grounded power cord. Includes standard conical tip and iron rest.

CAT# IR-23 \$13.25 each



60W TEMPERATURE CONTROLLED SOLDER STATION

XYTRONIC 168-3CD. Soldering iron assembly with nichrome heating element and 44-415404 tip and iron stand. 3-digit LED readout indicates tip temperature in Centigrade and Fahrenheit. Calibration control on face of unit allows for quick and convenient fine tuning of the temperature from 150C to 480C (300F-800F). Precision-wound nichrome heating element. Rapid heat-up time - approximately 45 seconds. Heat-resistant, impact-resistant housing complies with DOD, MIL Spec and CE regulations.

CAT# IR-361 \$105.00 each



SOLDERING TIPS

For Xytronic irons and station above.

1.6 MM PENCIL TIP **CAT# PL-404 \$7.00 each**
5 MM CHISEL TIP **CAT# PL-410 \$7.00 each**
0.8 MM PENCIL TIP **CAT# PL-401 \$7.00 each**
3.2 MM CHISEL **CAT# PL-405 \$7.00 each**

50W TEMPERATURE-CONTROLLED SOLDER STATION

Velleman # VTSS5U
Adjustable solder station,
175-480C degrees.
Protective iron holder
with sponge. LED
power indicator.
Grounded power cord.
195 x 100 x 90mm.
Includes CAT# PL-50 pointed tip.
Other tips available. CE, RoHS.



CAT# IR-50 \$24.75 each

Extra Tips for IR-50 solder station

CAT# PL-50

CONICAL TIP, 2MM (included w/ IR-50) \$2.75 ea.

CAT# PL-51 CHISEL TIP, 3MM \$3.00 each

CAT# PL-52 CHISEL TIP, 2MM \$3.00 each

CAT# PL-53 CONICAL TIP, 1.5MM \$3.00 each

TEMPERATURE CONTROLLED SOLDER STATION

Xytronics # LF-369D.
Desktop electronically-
controlled solder
station for lead or lead-free
soldering. Digital temperature display. 45W output.
150-480C / 302-896F temperature range.
105 x 90 x 90mm (W x H x D). Includes
replaceable tip, our CAT# PL-601.



Features:

Energy Saver Mode: When left idle for 20 minutes
- automatically resets temperature to 150C from
previous setting.

Temperature Lock with password.

Heater/Sensor Failure Detection - shuts-down
when failure is detected.

Iron Holder and Tip Cleaner

CAT# IR-369 \$69.95 each

ACCESSORIES

SOLDER SUCKER

Extra-
powerful
desoldering pump with Teflon nozzle. Lightweight,
large capacity spring-loaded cleaning tool offers
excellent suction for solder removal.

CAT# SSR-1 \$4.50 each

SOLDER SUCKER



High performance cleaning tool which offers
excellent suction for solder removal.

CAT# 50B-410 \$5.00 each

SOLDERING TIP CLEANER W/ METAL STAND

An effective method for cleaning
solder iron tips quickly, without
heat loss. Weighted stainless steel
holder with low-abrasive brass shavings.
Rubber foot pad stays put on the work bench.
Doesn't rust.

CAT# TC-460 \$9.00 each

Replacement brass shaving element

CAT# TC-459 \$3.00 each



HELPING HAND with MAGNIFIER

Allow both hands freedom
to work. Magnifying lens
makes work easy to see.

CAT# HELPH-M

\$5.75 each



SOLDER STAND

Spring steel soldering iron
holder. Includes replaceable
pad for cleaning iron tip.

CAT# 50B-205

\$4.00 each



SOLDERING PASTE / FLUX

Water soluble, no-clean flux paste.
ROHS compliant. 50G (1.75oz).

CAT# SP-44 \$6.50 each



DE-SOLDERING WICK

For easy removal of parts from
P.C. boards. Top quality solder wick.
5 feet per spool. 1/16" wide.

CAT# SWK \$1.15 per spool



60/40 ROSIN-CORE SOLDER

Sn60/Pb40. Water soluble, no-clean flux.

TUBE DISPENSER

7' 18 GA (1mm)

CAT# TS-110

\$2.35 each

10 for \$2.15 each



1 LB ROLL 1mm

CAT# SOL-064 \$30.00 per roll

1/2 LB ROLL 1mm

CAT# SOL-564 \$18.00 per roll

1 LB ROLL 0.6mm

CAT# SOL-644 \$31.00 per roll

1/2 LB ROLL 0.6mm

CAT# SOL-642 \$18.50 per roll



63/37 ROSIN-CORE SOLDER

Sn63/Pb37. Water soluble, no-clean flux.

1 LB ROLL 1 mm

CAT# SOL-0637 \$33.50 per roll

1/2 LB ROLL 1mm

CAT# SOL-5637 \$16.40 per roll

1 LB ROLL 0.6mm

CAT# SOL-1637 \$34.50 per roll

1/2 LB ROLL 0.6mm

CAT# SOL-2637 \$17.00 per roll



LEAD-FREE SOLDER, 0.5 LB

SN99.3/CU 0.7. 18 ga. (1mm).

Lead-free solder, 0.5 Lb. roll.

1mm diameter. Rosin-core,

no-clean flux, compatible with

leaded and lead-free solder.

Suitable for hand-soldering

electronic components and terminals.

CAT# LFS-532 \$24.50 per roll



TOOLS

HEMOSTATS

Hemostats are great for clamping onto small components while soldering or desoldering. Stainless steel.

5" STRAIGHT TIP

CAT# HM-1 \$1.65 each



5" CURVED TIP

CAT# HM-2

\$1.65 each



CUT-N-STRIP TOOL

Platinum Tools 10503. Great combination of a self-adjusting wire stripper and flush cutter. Patented stripper self-adjusts to wire sizes 26 AWG to 14 AWG. Catch, hold and strip wire in one quick motion. Stainless steel flush cutter with insulated handles.

CAT# WS-503 \$13.50 each



STRIPPER, CRIMPER AND BOLT CUTTER

GB / Gardner Bender #GS-65.

Strips 18 - 6 AWG cable. Crimps insulated and non-insulated terminals. Cut and rethread untempered bolts in common non-metric sizes. Plier nose for tightening or loosening small nuts. Ream 1/2" to 1" conduit. Spring-return. Cushioned handles.

CAT# CT-16 \$5.95 each



WIRE STRIPPER

Stripper and cutting tool. Stripper adjusts from 24 to 12 ga wire. Spring-loaded to open after each usage. Plastic grips

CAT# WS-150 \$4.00 each



5" FLUSH CUTTER

Trim leads on PC boards. Thin cutting edge for hard to reach areas. Insulated handle. Spring return.

CAT # FC-14 \$4.50 each



TELESCOPING MAGNET

Facilitates retrieval of small metal parts. Adjustable. Extends to 23" overall length.

CAT # MAG-31 \$2.50 each



PLASTIC TRIMMER TOOL

Non-inductive plastic adjuster tool, ideal for trimmer capacitors and pots. One end is standard slot-type screwdriver. The other is cross-type (Phillips) screwdriver. 2" overall length.

CAT# TT-11 50¢ each



6-PIECE MINI-PHILLIPS SCREWDRIVER SET

Kronus # 64-2969.

Miniature Phillips screwdriver set. Durable alloy steel. Rubberized rotating handles for one-handed operation and greater control. Convenient storage case.

Includes Phillips™ 1.4, 1.6, 2, 2.4, 3 & 3.5mm.

CAT# PSS-63 \$3.50 each



6 1/2" DIAGONAL CUTTER PLIERS

Drop forged High Carbon Steel, Heat treated, Matte finished, cushion grips

CAT# PLR-651

\$3.00 each



CORDLESS ROTARY TOOL

9.6Vdc rechargeable, cordless, variable-speed rotary tool. Originally marketed as a doggie pedicure tool, it has plenty of power for many sanding and grinding applications.

Includes sanding shaft, three sanding discs and a chuck wrench. Can be used with other attachments with 1/8" shafts, like those in our rotary tool kit, CAT# DK-91. Rotary dial controls speed from 8,000 to 20,000 RPM. Includes charger stand, and instructions.

CAT# RT-96 \$9.95 each



CORDLESS SCREWDRIVER

A good quality cordless screwdriver with plenty of torque. Reversible.

130 RPM, no-load. Operates on 4 AA cells, rechargeable or standard. Uses standard 1/4" hex bits. Hex bits and batteries not included.

CAT# SDR-3 \$6.00 each



6 IN 1 SCREWDRIVER

6 in 1 quick change screwdriver.

Set includes Phillips #1 and #2 screwdriver, 3/16" and 1/4" slotted screwdriver, 5/16" and 1/4" nutdriver. Ball and spring retention shaft with positive snap-fit locking, cushioned handle.

CAT# ND-6 \$4.75 each



UTILITY BRUSH

Double-headed utility brush. Brass metal bristles on one side and nylon bristles on the other. 5" handle, over-all size 7".

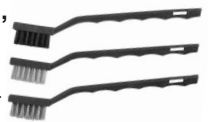
CAT# BSH-17 \$1.50 each



CLEANING BRUSHES, 3-PIECE SET

Set includes one each, steel, brass and nylon bristle brush. Plastic handles, 7" long.

CAT# BSH-15 \$2.25 per set



SMALL CLEANING BRUSH

3" brush with medium-stiff bristles. Cut on a diagonal to provide a pointy cleaning edge. Great for cleaning parts or equipment or detailing cars. Probably designed for a dental application, vinyl covered handle is engraved with "Plaque Checker."

CAT# BSH-14 5 for 75¢



MODULAR PLUG CRIMP TOOL

Strips flat phone wire and crimps modular plugs.

For 4 or 6 pin modular plug.

CAT# MPCPT-6 \$14.00 each

For 8 pin RJ-45 modular plug.

CAT# MPCPT-8 \$7.75 each



NYLON SPRING CLAMPS

Hold down your work-in-progress with these rugged nylon spring clamp. Swivel jaws stay parallel on materials of varying thickness.



3.75" long **CAT# SCL-20** 2 for \$1.00
 4.75" long **CAT# SCL-40** \$1.00 each
 6.50" long **CAT# SCL-60** \$1.50 each

HEAD-MOUNTED MAGNIFIER

Keeps your hands free while enhancing your vision.

3-level acrylic lens system

provides a variety of magnification levels up to 4.8x. 2.2x fixed lens.

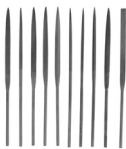
1.1x interior flip-down lens and 1.5x swivel loupe. Magnifier assembly can be flipped up out of your way when not in use. Wide body allows for glasses. Adjustable hook-and-loop headstrap. **CAT# HD-MAG** \$6.50 each



10 PIECE NEEDLE FILE SET

Assortment of 10, 5 1/2" long needle files including round, flat, triangular and half-round files. Includes handy pocket-size storage pouch.

CAT# FSET-2 \$6.00 per set



TEST CABLES & CLIPS

ECONOMY TEST LEADS

Red and black lead set with banana plug on one end and pin probe on other end. 3 ft. long.

CAT# TL-100 \$2.50 per set



TEST LEADS, BANANA PLUG TO MINI-GRABBERS

Red and black lead set with banana plug on one end and mini-grabbers on other end. 36" long. Mini-hooks provide a firm, insulated connection to small terminals and wires in high-density areas.

CAT# TL-5 \$3.75 each



TEST PROBES W/ DETACHABLE ALLIGATOR CLIPS

Red and black multimeter test leads. Shrouded right-angle banana plugs fit recessed jacks found on most meters. Test probes on other end are threaded to accommodate alligator clips. 33" long leads. **CAT# TL-4** \$5.75 each



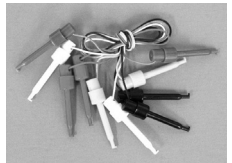
MINI-HOOK JUMPERS

Mini-hooks are great for connection to parts in high-density areas. They give a firm, insulated connection

2" MINI-HOOK JUMPERS

Five 18" long mini-hook patch cords. Black, red, white, green and yellow.

CAT# MTC-5
set of 5 for \$6.50



SET OF TWO 1 1/2" MINI HOOK JUMPERS

Two 18" long mini-hook patch cords. One black, one red, with 1.5" long mini-hooks on each end.

CAT# MTC-2 \$3.25 each



MINI-GRABBER TEST CLIPS, BLACK/RED

1.65" mini-clips. Mini-hooks provide a firm, insulated connection to small terminals and wires in high-density areas.

CAT# MTC-7 \$1.80 per pair



CLIP JUMPERS

MINI JUMPERS

10 TEST LEADS - 1" CLIPS

2 each of 5 colors.

CAT# MTL-10

\$2.95 per set

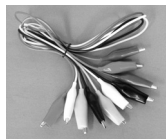


REGULAR JUMPERS

5 TEST LEADS - 2" CLIPS

CAT# HDTL-5

\$2.50 each

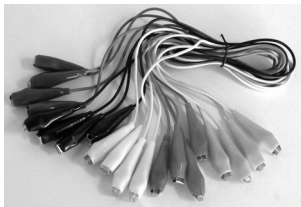


HEAVY-DUTY JUMPERS

10 jumpers, 5 colors, 32" long. 1.75" clips with stronger jaws.

CAT# HDTL-10

\$5.40 each



ALLIGATOR CLIPS

1.20" INSULATED ALLIGATOR CLIPS

1.20" (31mm) alligator clip with red and black vinyl boots.

Sold in pairs. **CAT# ALG-36**
85¢ per pair • 20 pairs for \$14.00



1.4" INSULATED ALLIGATOR CLIPS

1.4" (35mm) alligator clip with red and black vinyl boots.

Sold in pairs. **CAT# ALG-37** \$1.00 per pair
20 pairs for \$16.00



1.22" ALLIGATOR CLIPS

1.22" (31mm) uninsulated clips. Package of 20. **CAT# ALG-29**

\$2.50 per pkg • 5 packs (100 pcs) \$10.00



1.4" ALLIGATOR CLIPS

1.4" (35mm) uninsulated alligator clips. Package of 20.

CAT# ALG-27 \$3.00 per package
5 packs (100 pcs) \$12.00



2" CLIP W/ SCREW

2" (50mm) uninsulated alligator clip with screw.

CAT# ALG-M 4 for \$1.00
20 for \$4.40 • 100 for \$17.00

