



Littelfuse is a leading company in the world of Circuit Protection. The company develops, manufactures and markets Circuit Protection components since 1927. Many new concepts were conceived in its research and engineering departments which gained Littelfuse a deserved reputation as an innovative and reliable company.



## Standard Fuses

**Fast-Acting Fuses** - Made in Europe.

- Size: 6 x 32 mm (1/4 x 1.1/4")
- From 500mA up to 25 Amp.
- Packing: 10 pcs per box.
- 10 boxes in a carton.

Part no.	Description
FF0.800	800mA
H49-0118-00	1 Amp
FF1.6	1.6 Amp
FF2.5	2.5 Amp
H49-0024-00	3.15 Amp
FF4	4 Amp
H49-0296-00	6 Amp
H49-0566-00	8 Amp
H49-0560-00	10 Amp
13215	15 Amp
H49-0279-00	25 Amp

## Slow-Blow Fuses

Made in Europe.

- Size: 6 x 32 mm (1/4 x 1.1/4")
- Up to 10 Amp. protect your equipment.
- Will not blow with short overloads but gives protection in case of dangerous overload or short circuit through operation of fuse link.
- Packing: 10 pcs per box.
- 10 boxes in a carton.

Part no.	Description
FFWK0.250	250mA
FFWK0.400	400mA
H49-0553-00	500mA
FFK0.800	800mA
FFK1	1 Amp
FFK1.25	1.25 Amp
H49-0598-00	1.6 Amp
FFK2	2 Amp
H49-0113-00	2.5 Amp
H49-0579-00	3.15 Amp
H49-0114-00	4 Amp
H49-0025-00	5 Amp
H49-0580-00	6.3 Amp
H49-0116-00	8 Amp
H49-0117-00	10 Amp

## Standard Fuses

**Fast acting fuses** - Made in Europe.

- Size: 5 x 20mm (3/16 x 25/32")
- From 100mA up to 20 Amp.
- Packing: 10 pcs per box.
- 10 boxes in a carton.

Part no.	Description
EA0.100	100mA
EA0.160	160mA
EA0.250	250mA
EA0.315	315mA
EA0.400	400mA
EA0.500	500mA
EA0.630	630mA
EA0.800	800mA
EA1	1 Amp
EA1.25	1.25 Amp
EA1.6	1.6 Amp
EA2	2 Amp
EA2.5	2.5 Amp
EA3.15	3.15 Amp
EA4	4 Amp
EA6.3	6.3 Amp
EA8	8 Amp
EA10	10 Amp



## Slow-Blow Fuses

Made in Europe.

Size: 5 x 20 mm (3/16 x 25/32")

- Up to 16 Amp. To protect your equipment.
- Will not blow with short overloads but gives protection in case of dangerous overload or short circuit through operation of fuse link.
- Packing: 10 pcs per box.
- 10 boxes in a carton.

Part no.	Description
EAK0.100	100mA
EAK0.200	200mA
EAK0.250	250mA
EAK0.315	315mA
EAK0.400	400mA
EAK0.500	500mA
EAK0.800	800mA
EAK1	1 Amp
EAK1.25	1.25 Amp
EAK1.6	1.6 Amp
EAK2	2 Amp
EAK2.5	2.5 Amp
EAK3.15	3.15 Amp
EAK4	4 Amp
EAK5	5 Amp
EAK6.3	6.3 Amp
EAK8	8 Amp
EAK10	10 Amp
EAK16	16 Amp

## FD Fuses

- Type FD - 6x25mm.
- Fast acting fuse.
- Packing: 10 pcs per box.
- 10 boxes in a carton.

Part no.	Description
FD5	5 Amp



## Fuse Assortments

- Available in 5x20mm (3/16 x 25/32") or 6x32mm (1/4 x 1-1/4") fuses.
- Each assortment contains 18x10 high quality fuses made by "Littelfuse".
- Both assortments contain most popular fuses fast and slow blow as used in our industry.

Part no.	Description
EASS1	Fuse assortment 5 x 20mm (3/16 x 25/32")
FFSS1	Fuse assortment 6 x 32mm (1/4 x 1-1/4")



## Fuse Assortment

- 15 types of fuses contained in this kit plus fuse puller and 20mm fuse holder.
- This assortment contains also UK style mains fuses.
- Assortment packed in high quality Raaco box.

Part no.	Description
T1137	Fuse assortment





## Single Fuse Holder

- For 6 X 32mm fuses. (1/4 x 1-1/4")
- Solder terminal with bakelite base.

Part no.	Description
22-0046	Fuse holder



## OMNI Fuse Block

- 12 fuse Omni block -easy to separate- for 6 X 32 (1/4 X 1-1/4")mm fuses.
- Solder terminals with plastic base.

Part no.	Description
22-0048	Fuse holder



## HKP Fuse Holder

- For 6 X 32mm (1/4 X 1-1/4") fuses.
- With 2 soldering terminals.

Part no.	Description
22-0042	HKP fuse holder



## Fuse Clips

- Available for 6 X 32 and 5 X 20mm fuses.
- Print mounting.
- Packed per 20 pcs.

Part no.	Description
22-0066	5 x 20mm (3/16 x 25/32")
22-0066-1	6 x 32mm (1/4 x 1-1/4")



## Screw Slot Fuse Holder

- For 6 X 32mm (1/4 X 1-1/4") fuses.
- Solder terminal.

Part no.	Description
22-0042-2	Fuse holder



## Double Fuse holder

- Fuse holder for 6 x 32 fuses, complete with transparent cover.

Part no.	Description
22-0043	Fuse holder (1/4 x 1-1/4")



## Screw Slot Fuse Holder

- For 5 X 20mm (3/16 X 25/32") fuses.
- Solder terminal.
- For panels up to 6mm thick.

Part no.	Description
22-0045	Fuse holder



## Strip Connector

- 3 pole connector on bakelite base.

Part no.	Description
22-0091	Strip connector



## Screw-Slot Fuse Holder

- For 5 X 20mm (3/16 X 25/32") fuses.
- PCB mounting fuse holder with screw slot.

Part no.	Description
22-0045-2	Fuse holder



## Insulation Colour table

Colour	Red	Blue	Yellow
Wire size	0.5- 1.5mm <sup>2</sup>	1.5- 2.5mm <sup>2</sup>	2.5- 6mm <sup>2</sup>
Equivalent AWG	22 - 16	16 - 14	12 - 10
Equivalent SWG	29 - 17	17 - 13	14 - 6

Metric / Inch
2.8mm = .110"
4.8mm = .187"
6.3mm = .250"



## Insulated Male Terminals

- Tin plated terminals, colour coded for wire size.

Part no.	Description	Wire Size
117-0039	Male red 6.3mm	0.5-1.5mm <sup>2</sup>
117-0040	Male blue 6.3mm	1.5-2.5mm <sup>2</sup>
117-0041	Male yellow 6.3mm	2.5-6mm <sup>2</sup>



## Insulated Female Terminals

- Tin plated terminals, colour coded for wire size.

Part no.	Description	Wire Size
117-0042	Female red 2.8mm	0.5-1.5mm <sup>2</sup>
117-0043	Female red 4.8mm	0.5-1.5mm <sup>2</sup>
117-0044	Female red 6.3mm	0.5-1.5mm <sup>2</sup>
117-0045	Female blue 4.8mm	1.5-2.5mm <sup>2</sup>
117-0046	Female blue 6.3mm	1.5-2.5mm <sup>2</sup>
117-0047	Female yellow 6.3mm	2.5-6mm <sup>2</sup>



## Insulated Pin Terminals

Part no.	Description	Wire Size
117-0064	Red insulated	0.5-1.5mm <sup>2</sup>
117-0065	Blue insulated	1.5-2.5mm <sup>2</sup>



## Fully Insulated Female Connectors

Part no.	Description	Wire Size
117-0031	Red 4.8mm	0.5-1.5mm <sup>2</sup>
117-0032	Red 6.3mm	0.5-1.5mm <sup>2</sup>
117-0028	Blue 4.8mm	1.5-2.5mm <sup>2</sup>
117-0029	Blue 6.3mm	1.5-2.5mm <sup>2</sup>
117-0027	Yellow 6.3mm	2.5-6mm <sup>2</sup>



## Insulated Push-on Adaptor

Part no.	Description	Wire Size
117-0067	Red 6.3mm	0.5-1.5mm <sup>2</sup>



## Insulated Fork Terminals

- Tin plated terminals, colour coded for wire size.

Part no.	Description	Wire Size
117-0058	Fork red 3.7mm	0.5-1.5mm <sup>2</sup>
117-0059	Fork red 5.3mm	0.5-1.5mm <sup>2</sup>
117-0060	Fork red 6.4mm	0.5-1.5mm <sup>2</sup>
117-0061	Fork blue 3.7mm	1.5-2.5mm <sup>2</sup>
117-0062	Fork blue 5.3mm	1.5-2.5mm <sup>2</sup>
117-0063	Fork blue 6.4mm	1.5-2.5mm <sup>2</sup>
117-0072	Fork yellow 4.3mm	2.5-6mm <sup>2</sup>
117-0073	Fork yellow 5.3mm	2.5-6mm <sup>2</sup>
117-0074	Fork yellow 6.4mm	2.5-6mm <sup>2</sup>



## Insulated Ring Terminals

- Tin plated terminals, colour coded for wire size.

Part no.	Description	Wire Size
117-0048	Ring red 3mm	0.5-1.5mm <sup>2</sup>
117-0049	Ring red 4mm	0.5-1.5mm <sup>2</sup>
117-0050	Ring red 5mm	0.5-1.5mm <sup>2</sup>
117-0051	Ring red 6mm	0.5-1.5mm <sup>2</sup>
117-0052	Ring red 8mm	0.5-1.5mm <sup>2</sup>
117-0053	Ring blue 3mm	1.5-2.5mm <sup>2</sup>
117-0054	Ring blue 4mm	1.5-2.5mm <sup>2</sup>
117-0055	Ring blue 5mm	1.5-2.5mm <sup>2</sup>
117-0056	Ring blue 6mm	1.5-2.5mm <sup>2</sup>
117-0057	Ring blue 8mm	1.5-2.5mm <sup>2</sup>
117-0075	Ring yellow 4mm	2.5-6mm <sup>2</sup>
117-0076	Ring yellow 5mm	2.5-6mm <sup>2</sup>
117-0077	Ring yellow 6mm	2.5-6mm <sup>2</sup>



## Tap On Connector (splice)

- Fully insulated.
- Easy installation, no stripping.

Part no.	Description
16-30-6665	Tap on connector 0.4-0.7mm <sup>2</sup> red
16-30-6666	Tap on connector 0.7-2.0mm <sup>2</sup> blue
16-30-6667	Tap on connector 3.0-4.5mm <sup>2</sup> yellow



## Brass Terminals 6.3mm with hole

- Can be used for example on powersupplies.

Part no.	Description
61-2257-21	Terminal 6.3mm with 4.3mm hole
61-2257-31	Terminal 6.3mm with 5.3mm hole



## Female Crimp Terminals

Part no.	Description
0-41969-0	6.3mm female crimp terminal



## Female Push-on Insulation Cover

Part no.	Description
2-180930-0	Insulation cover



## Male Push-on Insulation Cover

Part no.	Description
0-735093-0	Insulation cover



## Insulation Housing for 6.3mm

### Female Terminals

Part no.	Description
0-926539-1	Insulation housing



## Nylon Isolation Connector

- Easy and safe getting your 22/14 gauge wire together with this nylon isolator.
- Rated 600V maximum; in-door use.

Part no.	Description
0-35115-0	Insulation connector



Plug

Receptacle

## AMP Metrimate Drawer Connector

- Plug and receptacles.
- Available in 12, 19 and 25 pins version.
- Used in various gaming hoppers and monitors

Part no.	Description
0-211758-1	Plug for sockets 12-pins
0-208210-2	Plug for sockets 19-pins
0-211150-1	Plug for sockets 25-pins

Part no.	Description
0-211759-1	Receptacle for sockets 12-pins
0-208209-2	Receptacle for sockets 19-pins
0-211149-1	Receptacle for sockets 25-pins



## Contacts for AMP Metrimate drawer Connector

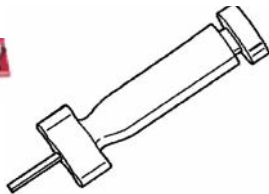
Part no.	Description
0-163083-8	Female 16-20 AWG tin plated
0-163081-8	Male 16-20 AWG tin plated
0-163085-8	Male 20-24 AWG gold plated



## Screws for AMP Metrimate drawer Connector

Part no.	Description
0-208211-1	Screws

**NEW**



## AMP Insertion/Extraction Tool

- For AMP connectors

Part no.	Description	Ref.no.
H92-0107-00	AMP Insertion tool	H45580-1
H92-0296-00	AMP Insertion tool	H59804-1
H92-0297-00	AMP Insertion tool	H59803-1
H43-0998-00	AMP Insertion tool	H91002-1
H92-0272-00	AMP Extraction tool	H455822-2
H92-0924-00	AMP Extraction tool	H318837-1
H821903-1	AMP Extraction tool	H821903-1
H822154-1	AMP Extraction tool	H822154-1



## MTA Connectors

- MTA100 connectors for use with wire of 22 AWG. (0.3mm<sup>2</sup>)

Part no.	Description
0-640440-4	MTA100 connector 4-way
0-640440-6	MTA100 connector 6-way
0-640440-7	MTA100 connector 7-way
1-640440-0	MTA100 connector 10-way

- MTA156 connectors for use with wire of 22 AWG. (0.3mm<sup>2</sup>)

Part no.	Description
1-640601-0	MTA156 connector 10-way



## Friction Header

- Used with MTA100 connectors, lock right.

Part no.	Description
0-640457-4	Header 4-pins
0-640457-6	Header 6-pins



## Crimp Terminal Housing

Part no.	Description
22-01-2025	2-pins housing
22-01-2035	3-pins housing
22-01-2045	4-pins housing
22-01-2055	5-pins housing
22-01-2065	6-pins housing
22-01-2095	9-pins housing* <i>Used in cube hopper</i>
22-01-2126	12-pins housing
22-01-2155	15-pins housing



## Crimp Terminals

- For all connector models 22-01-xxxx crimp wire size 18/24 AWG.
- Also used in STC cube hopper.

Part no.	Description
08-50-0032	Crimp terminal



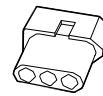
## Connectors Terminal

- For all connector models 3069, crimp wire size 18/24 AWG, 3.96mm wafers.

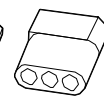
Part no.	Description
08-01-0102	Terminal

Male Style

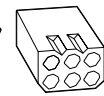
Female Style



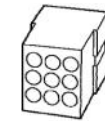
03-09-2032



03-09-1032



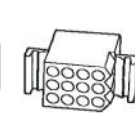
03-09-1064



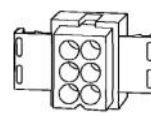
03-09-2092



03-09-2122



03-09-1121



03-06-2062

## Molex Connectors

- Commonly used on all types of equipment
- Various sizes available
- Passive (friction) lock
- UL file no. E-29179
- Natural nylon colour
- 2 different sizes (.93" and .62")

**NEW**



### .093" Family

Part no.	Description
03-09-2022	2-Pin male
03-09-1022	2-Pin female
03-09-2032	3-Pin male
03-09-1032	3-Pin female
03-09-2040	4-Pin male square
03-09-1040	4-Pin female square
03-09-2042	4-Pin male (vertical)
03-09-1042	4-Pin female (vertical)
03-09-2049	4-Pin male (square)
03-09-1049	4-Pin female (square)
19-09-2068	6-Pin male square
19-09-1069	6-Pin female square
03-09-2061	6-Pin male
03-09-1064	6-Pin female
03-09-2092	9-Pin male
03-09-1094	9-Pin female
03-09-2122	12-Pin male w/ ears
03-09-1121	12-Pin female w/ ears
03-09-2159	15-Pin male w/ ears
03-09-1154	15-Pin Male w/ ears

## Molex Connectors



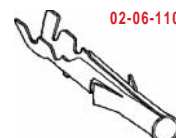
**NEW**

### .062" Family

Part no.	Description
03-06-2023	2-Pin male
03-06-1023	2-Pin female
03-06-2032	3-Pin male
03-06-1032	3-Pin female
03-06-2042	4-Pin male (vertical)
03-06-1042	4-Pin female (vertical)
03-06-2044	4-Pin male square
03-06-1044	4-Pin female square
03-06-2062	6-Pin male
03-06-1062	6-Pin female
03-06-2092	9-Pin male
03-06-1092	9-Pin female
03-06-2122	12-Pin male
03-06-1122	12-Pin female
03-06-2121	12-Pin male w/ ears
03-06-1121	12-Pin female w/ ears
03-06-2151	15-Pin male w/ ears
03-06-6155	15-Pin female w/ ears



02-06-2103



02-06-1103

## Molex Pins (Terminals) .062" Family

Part no.	Description
02-06-2103	Male .062" Pin (terminal)
02-06-1103	Female .062" Pin (terminal)



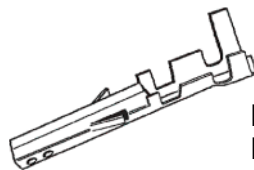
02-09-2118

02-09-1119

## Molex Pins (Terminals) .093" Family

- Pins/Terminals required for use in above Molex connectors.
- Snap-fit design allows for reliability and ease of installation
- Minimum order 10
- Molex quality

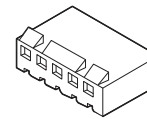
Part no.	Description
02-09-2118	Male .093" Pin (terminal)
02-09-1119	Female .093" Pin (terminal)



## Molex Mini-Fit Terminal

- Female terminal, 18-24 AWG
- Molex ref. no. 39-00-0039

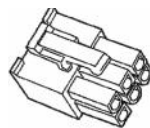
Part no.	Description
39-00-0039	Molex mini-fit terminal



## Molex Female Housings

- Used with .156 header wafer connectors

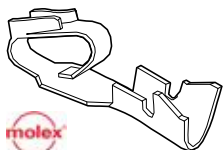
Part no.	Description
09-50-7201	20-Pin female housing
09-50-3101	10-Pin female housing
09-50-3051	5-Pin female housing
09-50-3041	4-Pin female housing



## Molex Mini-Fit Jr Receptable

- Dual row
- Molex ref. no. 39-01-2060

Part no.	Description
39-01-2060	Molex mini-fit Jr receptable
15-04-0296	Strain relief



## Molex Trifurcon Crimp-Style Terminal

- For use with all female connectors with .156 centers
- For wire size 18-24 AWG
- Grip on three sides instead of only one
- Molex ref. no 08-50-0189

Part no.	Description
08-50-0189	Molex trifurcon crimp-style terminal



## Molex Crimp-Style Terminal

- For use with all Molex female connectors with .156 centers
- For wire size 18-24 AWG
- Molex ref. no 08-50-0106

Part no.	Description
08-50-0106	Molex crimp-style terminal



## Molex Crimp-Style Terminal

- For use with female connectors with .100 centers
- For wire size 22-30 AWG
- Molex ref. no 08-50-0114

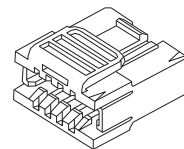
Part no.	Description
08-50-0114	Molex crimp-style terminal



## Molex C-Grid Female Terminal

- Used on bill validator harness
- Used with crimp housing H43-0817-00
- .100 pitch
- 250V 3 amp
- Ref. no. 16-02-0069
- Sold in packs of 100

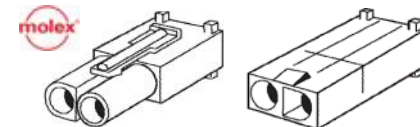
Part no.	Description
16-02-0069	C-Grid female terminal



## Molex C-Grid Interim Clip

- Used on bill validator harness
- .100 pitch
- Dual row
- Requires two 3-circuit plugs (see 43-0817-00)
- 250V 3 amp
- Sold in eacches

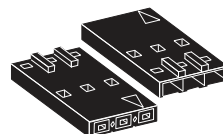
Part no.	Description
H43-0818-00	C-Grid interim clip



## Molex 2-pin Power Connectors

- Male plug mates to power input for both Happ and Wells gardner monitors (2-pin)

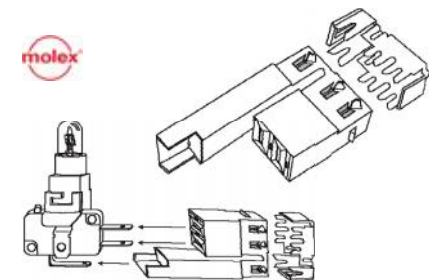
Part no.	Description
19-09-1029	2-Pin male w/o ears .093 centers
02-09-2029	2-Pin female .093" centers



## Molex C-Grid Crimp Housing and Pin

- Used on bill validator harness
- .100 pitch
- Single row version D
- Back ribs
- 3-circuit

Part no.	Description
50-57-9303	C-Grid crimp housing
16-02-0086	Pin for C-Grid crimp housing



## Switch Connector

- Use on popular miniature snap switches such as Cherry D4, Omron V10G and Microswitch V3
- Fits .187" or .250" terminals for 22 ga. wire
- Single plug convenience for easy on and easy off maintenance
- Eliminates incorrect wiring with single disconnects
- Reliable and fast IDC one-time wiring
- Housing and contact design allows for "end" or "through" terminations
- Eliminates the need for double wire crimp
- UL recognized
- Cover (H43-3506-01) provides added strain relief

Part no.	Description
H42-3506-00	Molex switch connector
H43-3506-01	Molex connector cover



## Molex Pins (Terminal) Extractor Tool

- Allows easy removal of Molex pins from connectors
- A must for every toolbox
- For servicing of Molex connectors

Part no.	Description
11-03-0006	Extractor tool for .093"pins
11-03-0002	Extractor tool for .062"pins
11-03-0003	Extractor tool for .156"pins
11-03-0044	Extractor tool for .165"pins

# Electrical Supplies

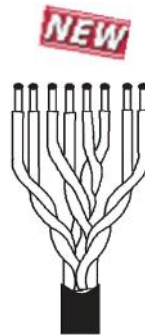
www.leisureherrero.com



## CAT5 cable

- 24 AWG solid bare copper
- Four unbounded twisted pairs
- 300 mtr put-ups

Part no.	Type	Belden No.	Shielded	Plenum	Colour
H49-1472-00	CAT5	1624P	Yes	Yes	Gray
H49-1473-00	CAT5	1624P	Yes	Yes	Blue
H43-1735-00	CAT5	1624P	Yes	Yes	Red
H49-0964-1624R	CAT5	1624R	Yes	No	Blue
H49-1361-00	CAT5E	1585A	No	Yes	Gray
H49-1470-00	CAT5E	1585A	No	Yes	Blue
H49-0129-00	CAT5E	1583A	No	No	Gray



NEW



## Punchdown Tool With Blade

- Spring loaded impact
- Hi-Lo settings
- Spare blade storage in handle
- Blades / Handle inter-changeable with Harris-Dracon 814 tool
- Type 110

Part no.	Description
H92-0901-00	Punchdown tool with blade

NEW



## CAT 5E Shielded Patch Cords

- Enhanced 350MBPS
- Shielded RJ45 connectors on each end
- Foil shielded and polyester shielded
- Stranded
- Snagless and molded boots
- Colour: Grey

Part no.	Description
H64-0064-00	10' CAT 5E Patch Cord
H64-0063-00	25' CAT 5E Patch Cord

NEW



## CAT 5E Coupler

- For category 5 enhanced cable
- Gold plated contacts
- Connects two cords
- Colour: black

Part no.	Description
H49-1729-00	CAT 5E Coupler

NEW



## RJ Duplex Adaptor

- Splits one line into two
- Ivory colour
- Gold plated contacts
- 6P4C plug, 2 6P4C jacks

Part no.	Description
H32-0090-00	RJ11 Duplex adaptor

NEW



## Round Cable Slitter/Stripper

- Slits/strips round cables
- Use on Coax or Cat 5 cables
- Range: 4mm - 25mm diameter
- Adjustable cutting depth
- Blade swivels for longitudinal or spiral cuts

Part no.	Description
H92-0352-00	Round cable splitter/stripper
H92-0351-00	Replacement blade

NEW



## LanRoverPRO™ CAT 5 Tester with LCD Display

- High performance cable length measurement
- CAT 5 tester that identifies multiple faults clearly without interpretation
- Tests for shorts, opens, miswires, reversals and split pairs
- Has one-ended testing with pre-test for fast result, clear wire mapping form displayed on 2-line, 16 character LCD display
- The LanRoverPRO™ has a convenient snap together case for easy storage and convenient patch cable testing
- Auto-off/auto-on. Provides up to 10 times better battery life than other testers
- One-ended testing with Pre-Test mode for fast results
- Built-in tone generator mode with selectable tones and pair capability
- This unit includes a carrying case and patch cables

Part no.	Description
H92-1135-00	LanRoverPRO™ CAT 5 tester with LCD display

NEW

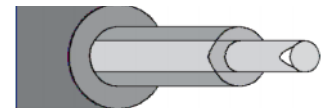


## CAT 5 Cable Jacket Stripper

- Designed for Cat 5/5E cables only
- Will not nick inner conductors
- Durable high impact plastic housing
- Easy to use, no adjustments necessary
- Molded from yellow plastic to make it easier to find. No more lost tools!
- Length: 89mm, weight: 23 grams

Part no.	Description
H92-0613-00	CAT 5 Cable Jacket Stripper

NEW



## Fiber Optic Cable

- Glass Fiber Optic Cable used for progressive signage and player tracking systems
- Price per foot
- Sold per roll
- Call for roll size availability (roll sizes vary)
- Quantity discounts available

Part no.	Description
H49-1752-00	Fiber optic cable with glass

NEW



## Fiber Optic Tool Kit

- Kit includes: crimper, nick-free strippers, wire cutters, cutting scissors, true view fiber scope kit, polishing disks, component box, swabs, alcohol bottle, syringe, & tweezers, zippered case

Part no.	Description
H92-0977-00	Fiber optic tool kit



## Crimp and Cleave Connectors

- Used in player tracking systems
- For FiberWire™ V-System 400um
- These connectors can only be terminated with VK-6-400 termination kit, Happ No.92-1004-00
- Overall connector dimension: 1.18"

Part no.	Description
H49-1753-00	Blue crimp and cleave connector
H49-1754-00	Black crimp and cleave connector



## Fiber Optic Connector

- IGT ref.#219 229 90
- Used in Keno pens

Part no.	Description
H70-0556-00	Fiber optic connector



## Simplex Connector

- For plastic optical fiber cable
- Used in Ticket-In / Ticket-Out cable
- Simplex connector provides a quick and stable connection for applications that require a component-to-connector retention force of 8 Newtons (1.8lb.)
- Crimp ring included
- Available in gray of blue

Part no.	Description
HHFBR-4501	Simplex connector, gray
HHFBR-4511	Simplex connector, blue



## 90° 110 Style Modular Cat 5 Jack

- Designed to be used with the 110 type punch down tool
- The mini jackuniversal design will fit in most keystone hole openings such as Amp, Hubbell, Krone, ICC or other .58" x .76" standard sizes
- The 110 IDC contacts will accommodate 22-26 AWG solid wire
- Colour: Blue

Part no.	Description
H27-1350-00	90° 110 Style modular Cat 5 Jack

## EZ-RJ45® TERMINATION KIT



## EZ-RJ45® Crimp Tool

This high quality crimp tool is designed to quickly crimp and cut the wires of the EZ-RJ45® Connector one easy simple operation!

- Works on most other RJ-11, RJ-12 and RJ-45 connectors
- Precision ground crimp dies
- Straight action cut and crimp performs the best crimp
- Full cycle ratcheting mechanism provides consistent terminations every time
- Crimps and cuts the wire in one cycle
- Built in wire cutter and stripper
- High strength, long life steel frame
- Rust resistant black oxide coating
- Superior quality at an economical price
- Use with EZ-RJ45® connector (92-0611-00)
- Length 20cm, weight 0.5kg.

## EZ-RJ45® Connectors

The new patented EZ-RJ45® connector simplifies the twisted pair terminations by allowing the wires to be inserted through the connector and out the front. This allows the technician to easily verify the proper wiring order. Termination is made easier by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. Reducing the distance between the wire twists and contacts improves performance!

- Simple one-piece design – no bars or liners
- Easy to verify wire sequence
- Reduces scrap, no wasted crimps
- Faster terminations
- More reliable, higher performance
- Compatible with most RJ-45 crimp tools except for AMP
- Crimp with the patented EZ-RJ45® Crimp Tool (92-0612-00) for even faster more reliable terminations
- Use in category 3, 5, 5E and 6
- FCC compliant
- Sold by box of 50

### Kit includes:

- EZ-RJ45® Crimp Tool (92-0612-00)
- (50) EZ-RJ45® Connectors (92-0611-00)
- (1) Laminated instruction sheet

Part no.	Kit Includes
H92-0609-00	EZ-RJ45® Termination kit
H92-0612-00	EZ-RJ45® Crimp tool only
H92-0611-00	EZ-RJ45® Connectors only (min box of 50)



## Modular RJ45 Plug

- For use with solid conductor round cable
- 8 position, 8 contacts
- Unshielded

Part no.	Description
H27-1349-00	Modular RJ45 Plug



## RJ11 & RJ45 Modular Plugs

### Two prong stranded flat cable plugs

Part no.	Description
H32-0085-00	RJ11 6P4C plug
H43-1665-00	RJ11 6P6C plug
H32-0087-00	RJ45 8P8C plug
H32-0095-10	RJ45 8P8C plug, shielded

### Two prong solid round cable plug

Part no.	Description
H32-0089-00	RJ45 8P8C plug
H32-0095-00	RJ45 8P8C plug, shielded



## Screw Type Modular Jack Assembly

- Single jack with snap cover
- Double sided sticker
- Mounting screws included
- Gold plated contacts
- Wiring: 6P4C - USOC; 8P8C - AT&T

Part no.	Description
H32-0091-00	6P4C Modular jack assembly
H32-0092-00	8P8C Modular jack assembly



## COLOUR - CODED EQUIPMENT WIRE

- Large 600mtr rolls for OEM use  
UL 1061 (300V, 80°) CSA SR-PVC.  
22 AWG - 7/30 AWG (0.336mm<sup>2</sup>)
- Insulation material: semi-rigid pvc.
  - Nominal wall thickness 0.25mm.
  - Current rating: 8A.
  - Outside diameter: 1.27mm.
  - Sold on 600mtr rolls.

Part no.	Description
113-0001	Black cable 22 AWG
113-0001-1	Brown cable 22 AWG
113-0001-2	Red cable 22 AWG
113-0001-3	Orange cable 22 AWG
113-0001-4	Yellow cable 22 AWG
113-0001-5	Green cable 22 AWG
113-0001-6	Blue cable 22 AWG
113-0001-7	Violet cable 22 AWG
113-0001-8	Grey cable 22 AWG
113-0001-9	White cable 22 AWG



## 2 Core Oval Mains Cable

- 3Amp, 2x 0.5mm<sup>2</sup>.
- Sold in rolls of 100 mtr.

Part no.	Description
E4151	2 Core oval mains cable



## 3 Core Mains White 0.75mm

- Sold in rolls of 100 mtr.

Part no.	Description
22-0003-9	3 Core mains white 0.75mm



## Black Coaxial Cable U75ohm

- Conductors 1/0.65mm.
- Screen 64/0.12mm.
- CSA 0.33mm<sup>2</sup>.
- Diameter: 6.0mm.
- Sold in rolls of 100 mtr.

Part no.	Description
E3187	Coaxial cable



## Brown 4 Core Cable

- Sold in rolls of 100 mtr.

Part no.	Description
E8108	4 Core cable



## Brown 5 Core Cable

- Sold in rolls of 100 mtr.

Part no.	Description
E8109	5 Core cable



## Black 6 Core Cable Screened

- Sold in rolls of 100 mtr.

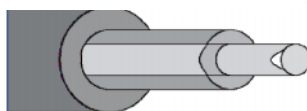
Part no.	Description
E8111	6 Core cable screened



## CAT 5E Shielded Patch Cords

- Enhanced 350MBPS
- Shielded RJ45 connectors on each end
- Foil shielded and polyester shielded
- Stranded
- Snagless and molded boots
- Colour: Grey

Part no.	Description
H64-0064-00	10' CAT 5E Patch Cord
H64-0063-00	25' CAT 5E Patch Cord



## Fiber Optic Cable

**NEW**

- Glass Fiber Optic Cable used for progressive signage and player tracking systems
- Price per foot
- Sold per roll
- Call for roll size availability (roll sizes vary)
- Quantity discounts available

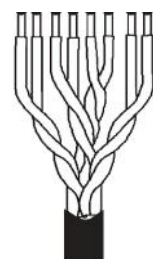
Part no.	Description
H49-1752-00	Fiber optic cable with glass

## CAT5 cable

- 24 AWG solid bare copper
- Four unbounded twisted pairs
- 300 mtr put-ups

Part no.	Type	Belden No.	Shielded	Plenum	Colour
H49-1472-00	CAT5	1624P	Yes	Yes	Gray
H49-1473-00	CAT5	1624P	Yes	Yes	Blue
H43-1735-00	CAT5	1624P	Yes	Yes	Red
H49-0964-162R4	CAT5	1624R	Yes	No	Blue
H49-1361-00	CAT5E	1585A	No	Yes	Gray
H49-1470-00	CAT5E	1585A	No	Yes	Blue
H49-0129-00	CAT5E	1583A	No	No	Gray

**NEW**



## Mains Distribution Board

- CE Approved.
- 3 Outlets with 1.5mtr - 1.0mm<sup>2</sup> connection ground cable.

Part no.	Description
22-0330	Mains distribution 3 outlets



## Mains Distribution Boards

- CE Approved.
- Both versions with red 'mains-on' light indicator switch.
- 3 Outlets with 1.5mtr - 1.0mm<sup>2</sup> connection ground cable.
- 6 Outlets with 3mtr - 1.5mm<sup>2</sup> connection ground cable.

Part no.	Description
22-0331	Mains distribution 3 outlets
22-0332	Mains distribution 6 outlets



## Euro Lead UK Style

- 2 mtr length.
- BSI approved.
- Available in 3 fuse options 5-10 and 13 Amp.

Part no.	Description
22-0011-10	Euro lead 5 Amp
22-0011-11	Euro lead 10 Amp
22-0011-13A	Euro lead 13 Amp



## Euro Ground Plug Cable

- 3 mtr length.
- 3 x 1mm.
- Apparatus plug up to 300 VAC.
- VDE and KEMA approval.

Part no.	Description
22-0012	Euro ground plug cable



## Coiled Main Flex

- Length 80cm closed, 3 mtr.
- VDE approved.

Part no.	Description
22-0012-3	Coiled main flex



## Connecting Strip

- 12 Pole connecting strip, up to 2.5mm (0.1") wire.
- Sold in lots of 10 pcs.

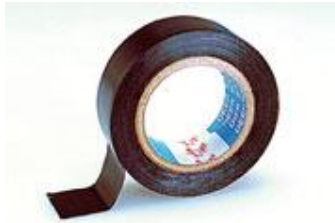
Part no.	Description
22-0017	Connecting strip



## Connecting Strip

- 12 Pole connecting strip, up to 6mm (0.250") wire.
- Sold in lots of 10 pcs.

Part no.	Description
22-0018	Connecting strip



## Insulation Tape

- Black PVC tape.
- 19mm x 0.15mm. (Width 3/4")
- 10 mtr (33ft) on a roll.
- Sold per 10 pcs.

Part no.	Description
22-0016	Insulation tape



## Heat Shrinkable Tube

- Available in 3 inside diameters: 3.2, 4.8 and 9mm.
- Colour black.

Part no.	Description
22-0204-32	Tube 3.2mm
22-0204-48	Tube 4.8mm
22-0204-90	Tube 9.0mm



## Euro Ground Plug

- European style 3-pole ground plug.
- KEMA approved.

Part no.	Description
22-0035	Euro ground plug



## Apparatus Plug

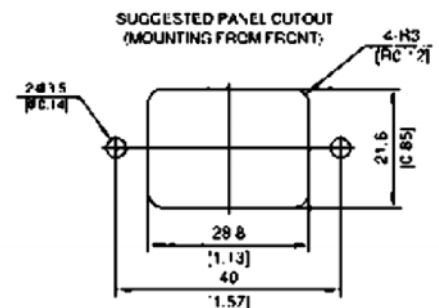
- 3-Pole - 10 Amp - 250VAC.

Part no.	Description
22-1031-1	Entry plug



## Entry and Line Filter

- Entry 6 Amp - 115 / 240VAC linefilter.
- Current rating at 115VAC - 6 Amp RMS max.
- Current rating at 250VAC - 6 Amp RMS max.
- Operating frequency: 50 / 60Hz.
- Leakage current: each line to ground
  - a. @ 115VAC / 60Hz - 0.30mA max.
  - b. @ 250VAC / 50Hz - 0.60mA max.
- Hipot rating (for one minute)
  - a. Line to ground - 2250VDC.
  - b. Line to line - 1450VDC.
- IR: 100M ohm at 500VDC any input or output to ground.
- Temperature range: -25°C to +85°C.
- Safety approvals: UL, CSA, VDE, SEMKO, DEMKO NEMKO and FIMKO.



Part no.	Description
22-2224	Entry and line filter

NEW



## Protective Cover

- Flexible rubber sleeve
- Used inside the cabinet to cover the wire connection on linefilters
- Ideal for use in combination with filter 22-2224

Part no.	Description
22-2223	Protective cover



## Entry

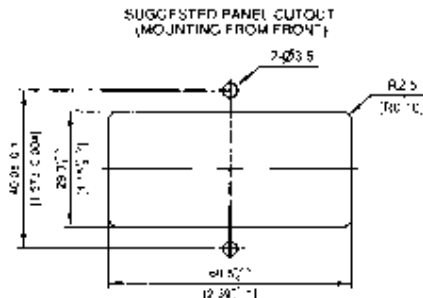
- 10 Amp - 250VAC.

Part no.	Description
22-1030	Entry socket



## Entry and Line Filter

- Entry with on-off switch, fuse holder and 6 Amp - 115 / 240VAC linefilter.
- Current rating at 115VAC - 6 Amp RMS max.
- Current rating at 250VAC - 6 Amp RMS max.
- Operating frequency: 50 / 60Hz.
- Leakage current: each line to ground
  - a. @ 115VAC / 60Hz - 0.30mA max.
  - b. @ 250VAC / 50Hz - 0.60mA max.
- Hipot rating (for one minute)
  - a. Line to ground - 2250VDC.
  - b. Line to line - 1450VDC.
- IR: 100M ohm at 500VDC any input or output to ground.
- Temperature range: -25°C to +85°C.
- Safety approvals: UL, CSA, VDE and SEMKO.



Part no.	Description
22-2226	Entry and line filter



Entry with on-off Switch

- Entry with on/off switch and fuseholder 6 Amp 250VAC.

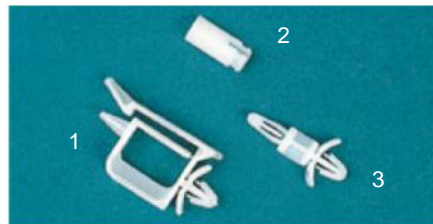
Part no.	Description
22-1029-1	Entry with fuseholder



## Cable Ties

- Available in different sizes.
- Packed per 100pcs.

Part no.	Description
22-0202	100mm x 2.5mm (4")
22-0202-1	140mm x 2.5mm (6")
22-0202-2	200mm x 2.5mm (8")
22-0202-6	280mm x 3.5mm (11")



## P.C.B. Clamp

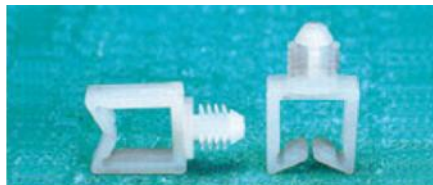
Part no.	Description
22-0084	No. 1 clamp
22-0085	No. 2 clamp
22-0087	No. 3 clamp



## Wire Saddle

- For 8mm (5/16") hole.
- Wire space: 18x10mm (3/4 x 3/8") .

Part no.	Description
22-0065-1	Wire saddle



## Wire Saddle

- For 8mm (5/16") hole.
- Wire space: 10x10mm (3/8" x 3/8").

Part no.	Description
22-0065	Wire saddle



## AB Potentiometer

- Hot moulded carbon.
- Extra long life potentiometer with slip clutch - 5K Ohm.

Part no.	Description
22-0119	Potentiometer



## Flat Cable Clamp

- Wire space: 25mm. (1")

Part no.	Description
22-0068	Flat cable clamp



## Adhesive Cable Clamps

Part no.	Description
22-0068-1	Cable clamp ø6mm (1/4")
22-0068-2	Cable clamp ø12mm (1/2")
22-0068-4	Cable clamp ø18mm (3/4")



## Adhesive Mounting Pad for Cable Ties

- Size: 22 x 22mm.

Part no.	Description
22-0086	Mounting pad



## Adhesive Cable Clamp

- For max. 6 x 2mm cable.

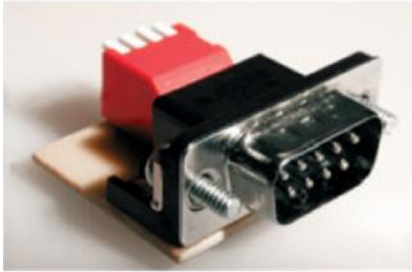
Part no.	Description
22-0068-3	Adhesive cable clamp



## Cable Clamp

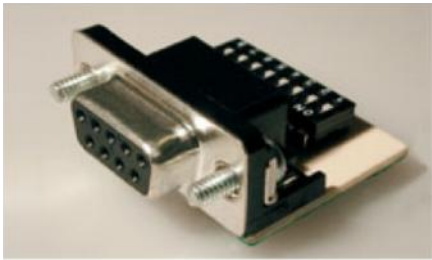
- Self-adhesive.
- Base size 25 x 25mm.
- Cable diameter 8mm.

Part no.	Description
22-0068-7	Cable clamp



## Stakes and Prices Key

Part no.	Description
22-0828	Stakes and prices key



## Percentage Key

Part no.	Description
22-0829	Percentage key



## Clear-A-Coin Stick

- Helps clear coin jams
- Made from flexible blue plastic
- 165 long x 19mm wide
- Can be put on key ring or chain

Part no.	Description
H92-0614-00	Clear coin stick



## Cable Ties

- Available in different sizes.
- Packed per 100pcs.

Part no.	Description
22-0202	100mm x 2.5mm (4")
22-0202-1	140mm x 2.5mm (6")
22-0202-2	200mm x 2.5mm (8")
22-0202-6	280mm x 3.5mm (11")



## Cable Ties

- Patented dual locking mechanism facilitates superior locking power
- Low-profile head conserves space and reduces snagging
- Flexible nylon construction allows ease of use
- Various colours available
- UL approved nylon • Sold per bag of 1.000



Part no.	Length	Max.bundle diameter	Colour	Tensile Strength
H90-1034-00	101mm	20mm	Natural	8kg
H90-1036-00	152mm	38mm	White	13kg
H90-1036-03	190mm	50mm	Black	22kg
H90-1038-00	203mm	56mm	Natural	22kg
H90-1038-10	203mm	56mm	Red	22kg
H90-1038-12	203mm	56mm	Blue	22kg
H90-1038-13	203mm	56mm	Green	22kg
H90-1038-15	203mm	56mm	Yellow	22kg
H90-1038-16	203mm	56mm	Black	22kg
H90-1038-17	203mm	56mm	Orange	22kg
H90-1211-00	280mm	76mm	Natural	34kg
H90-0063-00	280mm	76mm	Natural	22kg



## Cable Ties With Mounting Hole

- Same features as cable ties above
- Mounting hole allows wires to be bundled and secured via #10 screw
- UL Recognized
- Sold per bag of 1.000

Part no.	Length	Max.bundle diameter	Colour	Tensile Strength	Screw size
H90-1037-00	203mm	44mm	Natural	22kg	#10



## Cable Tie Assortment

- Patented dual locking mechanism facilitates superior locking power
- Low-profile head conserves space and reduces snagging
- Flexible nylon construction allows ease of use
- Color: Natural
- UL Recognized
- Made in the U.S.A.

Assortment contains the following Cable Ties:

Qty	Size	Tensile Strength
200	101mm	8kg
100	142mm	13kg
200	190mm	22kg

Part no.	Description
H90-1030-00	Cable tie assortment (500 pieces)



## 761-Piece Professional Cable Tie Kit

- Patented DoubleLock™ Design in 3 popular lengths – 100, 200, 280mm
- Versatile tensioning tool tightens and trims ties
- Tough 6/6 nylon ties in, commercial grade 4
- Ties come in the following colors: natural, black, red, blue, yellow and green
- UV resistant black ties are the ONLY choice for outdoor use
- Durable carrying case keeps ties and tensioning tool organized
- Made in the USA
- Kit includes:
  - 1 pistol grip tie tensioning and trimming tool
  - 10 self-adhesive mounting bases
  - 750 cable ties as follows:

300 100mm Ties 400 200mm Ties 50 280mm Ties

25 Blue	25 Blue	50 Natural
25 Red	25 Red	
25 Yellow	25 Yellow	
25 Black	25 Green	
200 Natural	100 Black	
	200 Natural	

Part no.	Description
H90-1030-01	761-Piece professional cable tie kit



**NEW**

## Shielded Speakers

- Available in 2", 3.5", 4" or 5"
- Speaker has a metal shield surrounding the magnet to prevent any interference with the monitors
- See chart for specifications



Part no.	Description
H70-0014-00	2" Speaker, 4 Watt
H50-9000-01	3.5" Shielded speaker, 3 Watt
H49-0228-00	4" Shielded speaker, 12 Watt
H50-9005-00	5" Shielded speaker, 12 Watt

**NEW**

## Unshielded Speakers

- Available in 4" or 5"
- Full range
- Choose from 8 or 12 watt
- 8 Ohm
- See chart for specifications



Part no.	Description
H50-9000-00	4" Speaker, 8 Watt
H50-9002-00	4" Shielded speaker, 12 Watt
H50-9003-205	5" Shielded speaker, 8 Watt
H50-9004-00	5" Shielded speaker, 12 Watt

## Specifications for Shielded Speakers

Part no.	Diameter in/(mm)	Height in/(mm)	Nom (Watt)	Max (Watt)	Ohms	Hz	Db	Range	Magnet	Net Weight	Frame	Diaphragm	Terminal Size (in)
H70-0014-00	1.97/ (50)	.75/ (mm)	.2	.4	8	430	80	4.000	13mm x 10mm	40g	Square	Paper	solder
H50-9000-01	3.5 (93)	-	3	5	4	120	85	15.000	1.7 oz	-	Square	Paper	.250
H49-0228-00	3.94 (100)	1.93 (49)	4	12	8	180	71	12.000	6 oz	610g	Square	Paper	.250
H50-9005-00	4.69 (119)	2.13 (54)	4	12	8	135	91	8.000	6 oz	610g	Pin Cushion	Paper	.250

## Specifications

Part no.	Diameter in/(mm)	Height in/(mm)	Nom (Watt)	Max (Watt)	Ohms	Hz	Db	Range	Magnet	Net Weight	Frame	Diaphragm	Terminal Size (in)
H50-9000-00	3.94 (100)	1.42/ (36.1)	2	8	8	160	89	14.000	3 oz	280g	Square	Paper	.205/.250
H50-9002-00	3.94 (100)	1.66/ (42.1)	4	12	8	160	90	15.000	6 oz	388g	Square	Paper	.205/.250
H50-9003-205	4.73 (120)	1.67/ (42.5)	2	8	8	135	91	15.000	3 oz	265g	Pin Cushion	Paper	.205/.250
H50-9004-00	4.73 (120)	1.92/ (48.8)	4	12	8	135	91	8.000	6 oz	440g	Pin Cushion	Paper	.250



## Loudspeaker

- Dual cone 2-way loudspeaker for high quality sound.
- Size: 102 x 102mm.
- Universal use. 4 Ohm - 100W.

Part no.	Description
22-0172	Loudspeaker



## Loudspeaker Grill

- For speakers 22-0182-2 and 22-0172.

Part no.	Description
22-0183	Grill

**NEW**



## Loudspeaker

- For use in video games.
- Size: 102 x 102mm. 8 Ohm - 5W.

Part no.	Description
22-0182-2	Loudspeaker

**NEW**



## Spring Lift Airshocks

- Enable lids, windows and doors to be opened and kept open without assistance



Part no.	Ref. no.	Diameter	Extended Length in mm	Compressed Length in mm	Pressure
H70-0700-00	SL-36	ø20	437	259	90#
H70-0701-00	SL-34	ø20	508	305	60#
H70-0702-00	SL-34	ø20	508	305	30#
H70-0704-00	SL-35	ø20	306	215	70#
H70-0705-00	SL-35	ø20	306	215	45#
H70-0706-00	SL-36	ø20	437	259	45#
H70-0710-00	SL-32	ø20	286	210	30#



## Loudspeaker for Multi-Media and Dolby Surround Applications

- Size : 90.5 x 50.5mmmm.
- Depth: 41mm.
- Mounting holes: 75 x 40mm.
- Nominal power handling: 10W.
- Peak power handling: 15W
- Frequentie respons: 130-20.000Hz
- 8 Ohm .

Part no.	Description
22-0171	Loudspeaker