

***Introducing
the Enhanced
Pan-Quik™ LS3E
Hand-Held Printer
from Panduit***

NOW

with Memory
to Save, Recall
and Edit Label
Legends, Formats
and Codes!



***Fast
Affordable
Easy to Use
Versatile***

Enhanced Pan-Quik™ LS3E Printer Key Features

Easy ribbon
loading

Easy-to-see
LCD Screen

Save and
retrieve files

5 minute
auto shut-off

Quik-Key™ Fast Label
Formatting System

Shock absorbent
rubber casing
protects the printer
during field use

Prints 24 combinations of
fonts, sizes and densities

Optical sensor provides
exact label registration

Full label feed, reverse feed
or micro-feed

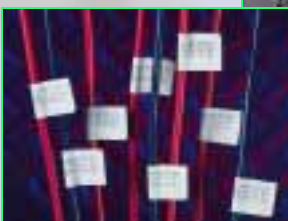
Automatic
alpha-numeric
serialization
of labels

Quick-change battery
pack and optional
AC Adapter for
reduced downtime

Finally, there's a fast, reliable hand-held printer that creates crisp, clear legends in a variety of sizes, is simple to use, easy to load and offers long battery life. All at an affordable price!

The *Pan-Quik* LS3E printer lets you quickly create custom or serialized labels, wire markers, heat shrink markers, component labels, and network labels, all for greater time savings and convenience. You can save and retrieve files so its easy to produce labels with frequently used formats and legends. Labels are available with widths from 0.25" to 1.50" (6.4 mm to 38.1 mm) in a variety of materials. It's the versatile, easy way to identify wires, cables, modular jacks, faceplates, terminal blocks and patch panels.

It's perfect for on-site project locations and quick maintenance applications.



Normal Size Print



Standard *2 Seconds



Standard *3 Seconds



Bold *4 Seconds



Bold *8 Seconds



Letter Quality *5 Seconds



Letter Quality *8 Seconds



Letter Quality & Bold
*8 Seconds



Letter Quality & Bold
*14 Seconds

Large Size Print



Standard *2 Seconds



Standard *2 Seconds



Bold *4 Seconds



Bold *5 Seconds



Letter Quality *4 Seconds



Letter Quality *6 Seconds



Letter Quality & Bold
*7 Seconds



Letter Quality & Bold
*10 Seconds

Small Size Print



Standard *2 Seconds



Standard *3 Seconds



Bold *4 Seconds



Bold *7 Seconds

Compressed Size Print



Standard *2 Seconds



Standard *3 Seconds



Bold *4 Seconds



Bold *7 Seconds

Printing That Outperforms The Competition

Features

- Instant Labels
- Print Head Travels Only as Far as Legend Requires
- Express Formatting Option to Set all Print Characteristics at One Time
- *Quik-Key*™ Fast Label Formatting System
- Automatic Recall of Last Label Entered
- Save and Retrieve Files
- Multi-Language Screen Prompts
- Letter Quality Font
- Rotated Text
- Underline Text
- Small Text Size
- Automatic Serialization of Labels
- Automatic Repeat of Legend
- Portable / Battery-Operated
- Long Battery Life
- Easy Loading
- 9-Pin Dot-Matrix Print Head
- Compact Design
- Optical Sensor
- Lightweight
- Durable
- AC Adapters and Battery Belt Packages Available
- On-Demand Printing
- Versatile
- Custom Markers at Lower Cost
- Cost Effective
- Easy to Use / User Friendly

Benefits

- Prints custom labels in a matter of seconds.
- Labels with shorter legends print even faster!
- Eliminate formatting set-up time for frequently used label formats such as wire marking, component identification and patch panel labeling.
- Fast set-up for: text font, size, case and position; print density; and label format.
- No need to reenter information after shut-off or recharging battery pack.
- Save time when printing frequently used labels.
- Choose from English, German, French, Italian, Dutch, Spanish and Portuguese language screen prompts as needed.
- Produce top-quality labels with clear, crisp legends.
- Run type horizontal or rotated, whichever best meets your need.
- Separates headings or emphasizes words.
- More lines per lineal inch.
- Serialize in Numeric or Alphabetic sequence. Saves time when printing a series of labels.
- Able to print wire markers quickly and efficiently. Saves time when printing duplicate labels.
- Able to go anywhere. Can go on-site easily to every job. No AC power required.
- Increased efficiency with more labels produced between battery charges.
- Less downtime for changeover.
- Printed legends are easy to read. More pins for faster speed and better print quality.
- Makes unit truly hand-held.
- Provides perfect label registration; minimizes set-up time and wasted labels.
- Less operator fatigue. Easy to handle and use.
- Stands up in industrial environment.
- Print more labels without having to recharge battery.
- Just-in-time labels. Create the label you want, when you want it.
- One printer to print vinyl cloth wire markers, self-laminating wire markers, heat shrink wire markers, component labels and network labels.
- Reduces inventory carrying costs.
- No lead time on custom labels.
- No special training required. Anyone can make labels.

Enhanced Pan-Quik™ LS3E Hand-Held Printer

Quik-Key™ Fast Label Formatting System

Allows you to immediately override the default label parameters without going thru the Setup Menu. By entering a single character in the **Quik-Key** Mode, you are able to adjust the text font, text size, print density, and a variety of other LS3E print characteristics listed below. For example, to print a label in Letter Quality, Rotated Font in Large Text Size, simply enter the letters "Q, R, L" while in **Quik-Key** Mode.

Print Characteristic	Code	Print Mode	Print Characteristic	Code	Print Mode
Text Font:	K Q R	Standard • Letter Quality Rotated	Horizontal Text Position:	E F G	Horizontal Left Horizontal Right Horizontal Center •
Text Size:	V S N L	Compressed Text Small Text Normal Text • Large Text	Vertical Text Position:	H I J	Vertical Top Vertical Bottom Vertical Center •
Text Case:	O P	Lower Case Upper Case •	Label Format:	C M T W	Component Label • Strip Label (2 labels across) Terminal Label Wire Marker Label
Print Density:	A B	Normal • Bold	Other Options:	D U	Demo Print Underlined Text

• Indicates default setting

Printer Mechanical Information

Print Method: 9-pin dot-matrix print head

Size: Height: 3.6" (92 mm)
Width: 4.2" (108 mm)
Length: 13.2" (337 mm)
Weight: 2.7 lb (1.2 kg)

Display: Two-line x 16 character liquid crystal display

Keyboard: 49 color-coded keys with ergonomically designed keypad

Power Source: 12 VDC, 1200 mAh rechargeable Ni-Cad Battery Pack (Included)

Printer

Part Number	Description	Plug Type	Operator's Manual Language	Std. Pkg. Qty.*
LS3E	Includes Printer, Battery Pack, Battery Charger, Printer Ribbon, Wrist Strap and Operator's Manual	North American 120	English	1
LS3E-JS			Japanese	
LS3E-KS			Korean	
LS3E-PS			Portuguese	
LS3E-ES			Spanish	
LS3E-NE		Euro 230	Dutch	
LS3E-AE			English	
LS3E-FE			French	
LS3E-DE			German	
LS3E-IE			Italian	
LS3E-PE			Portuguese	
LS3E-EE			Spanish	
LS3E-AU		U.K. 240	English	
LS3E-CA		Australian 240	Chinese	
LS3E-AA			English	

* Order number of printers required in multiples of Std. Pkg. Qty.



Enhanced Pan-Quik™ LS3E Hand-Held Printer

Printer Replacement Parts

Part Number	Description	Std. Pkg. Qty.*
LS3-RIB	Replacement Printer Ribbon	1
LS3E-BP	Replacement Battery Pack	1
LS3EC-S	Replacement North American 120V Battery Charger <i>Used only to charge LS3E battery. Cannot be used to power LS3E directly from Power Outlet.</i>	1
LS3EC	Replacement 230V / 240V Battery Charger (Must be used with appropriate Power Cord) <i>Used only to charge LS3E battery. Cannot be used to power LS3E directly from Power Outlet.</i>	1
LS3E-MAN-A†	Replacement Operator's Manual - English	1

†To order Operator's Manual in other languages, replace -A with -C for Chinese, -N for Dutch, -F for French, -D for German, -I for Italian, -J for Japanese, -K for Korean, -P for Portuguese, and -E for Spanish

* Order number of replacement parts required in multiples of Std. Pkg. Qty.



LS3-RIB



LS3E-BP



LS3EC-S



LS3EC



LS3E-MAN-A thru LS3E-MAN-E

Optional Accessories

Part Number	Description	Plug Type	Std. Pkg. Qty.*
LS3EACS	1 each: Universal AC Adapter (LS3EA), Battery Charging Pack (LS3E-CP) and Power Cord Listed (CORD-*) <i>Power LS3E directly from Power Outlet and charge LS3E Battery Pack at the same time</i>	North American 120	1
LS3EACE		Euro 230	
LS3EACU		U.K. 240	
LS3EACA		Australian 240	
LS3EAK-S	1 each: Universal AC Adapter (LS3EA) and Power Cord Listed (Cord-*) <i>Power LS3E directly from Power Outlet</i>	North American 120	1
LS3EAK-E		Euro 230	
LS3EAK-U		U.K. 240	
LS3EAK-A		Australian 240	
LS3ECAP	1 each: Battery Charging Pack (LS3E-CP) and Auto Plug (LS3EAP) <i>Power LS3E directly from Auto Cigarette Lighter and charge LS3E Battery Pack at the same time</i>	—	1
LS3EAP	Replacement Auto Plug <i>Power LS3E directly from Auto Cigarette Lighter</i>	—	1
LS3E-CP	Replacement Battery Charging Pack <i>Power LS3E directly from AC Power Source and charge LS3E Battery Pack at the same time (Must be used with Universal AC Adapter and Power Cord - not included)</i>	—	1
LS3EA	Universal AC Adapter	—	1
CORD-S	Replacement Power Cord	North American 120	1
CORD-E		Euro 230	
CORD-U		U.K. 240	
CORD-A		Australian 240	
LS3-CASE	Carrying Case	—	1
LS3-BS	Printer Belt Holster	—	1

* Order number of accessories required in multiples of Std. Pkg. Qty.



LS3EACS, LS3EACE,
LS3EACU, LS3EACA



LS3EAK-S, LS3EAK-E,
LS3EAK-U, LS3EAK-A



LS3ECP



LS3EAP



LS3E-CP



LS3EA



CORD-S, CORD-E,
CORD-U, CORD-A



LS3-CASE



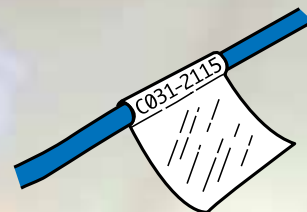
LS3-BS

Enhanced Pan-Quik™ LS3E Hand-Held Printer Labels

The label codes shown in each chart are distinct codes used to tell the printer the size of the label.

Self-Laminating Wire Markers

- Designed to identify all sizes of wires and cables quickly and economically
- Clear overlamine protects legend
- Part numbers shown have white print-on area
- Multiple across labels available



Part Number	Label Code	Total Area A x B In. (mm)	Print-On Area A x C In. (mm)	Normal Text†		Outside Cable Diameter Range In. (mm)	Labels Per Roll	Std. Pkg. Qty.*
				Lines Per Label	Characters Per Line			

Vinyl Material (Indoor Applications)

LWS-6	1310	0.50 x 0.75 (12.7 x 19.1)	0.50 x 0.38 (12.7 x 9.5)	2	4	0.12 - 0.12 (3.1 - 3.1)	250	1 Roll
LWS-8	2510	0.50 x 0.75 (12.7 x 19.1)	0.50 x 0.38 (12.7 x 9.5)•	2	4		500	
LWS-7	2510	1.00 x 0.75 (25.4 x 19.1)	1.00 x 0.38 (25.4 x 9.5)	2	10		250	
LWS-4	1310	0.50 x 1.00 (12.7 x 25.4)	0.50 x 0.38 (12.7 x 9.5)	2	4	0.12 - 0.20 (3.1 - 5.1)	250	
LWS-5	2510	1.00 x 1.00 (25.4 x 25.4)	1.00 x 0.38 (25.4 x 9.5)	2	10		250	
LWS-1	1313	0.50 x 1.25 (12.7 x 31.8)	0.50 x 0.50 (12.7 x 12.7)	3	4		250	
LWS-9	2513	0.50 x 1.25 (12.7 x 31.8)	0.50 x 0.50 (12.7 x 12.7)•	3	4	0.16 - 0.24 (4.1 - 6.1)	500	
LWS-2†	2513	1.00 x 1.25 (25.4 x 31.8)	1.00 x 0.50 (25.4 x 12.7)	3	10		250	
LWS-3	3813	1.50 x 1.25 (38.1 x 31.8)	1.50 x 0.50 (38.1 x 12.7)	3	16		250	
LWS-10	2519	1.00 x 2.50 (25.4 x 63.5)	1.00 x 0.75 (25.4 x 19.1)	5	10	0.24 - 0.56 (6.1 - 14.2)	100	
LWS-11	3819	1.50 x 2.50 (38.1 x 63.5)	1.50 x 0.75 (38.1 x 19.1)	5	16		100	
LWS-12	2525	1.00 x 4.00 (25.4 x 101.6)	1.00 x 1.00 (25.4 x 25.4)	7	10	0.32 - 0.95 (8.1 - 24.1)	100	
LWS-13	3825	1.50 x 4.00 (38.1 x 101.6)	1.50 x 1.00 (38.1 x 25.4)	7	16		100	

TEDLAR® Material (Indoor /Outdoor Applications)

LWS-54	2513	1.00 x 1.25 (25.4 x 31.8)	1.00 x 0.50 (25.4 x 12.7)	3	10	0.16 - 0.24 (4.1 - 6.1)	250	1 Roll
--------	------	---------------------------	---------------------------	---	----	----------------------------	-----	--------

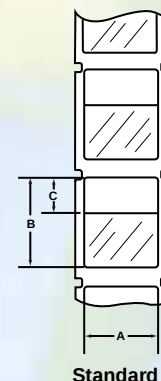
† See page 10 for similar information using other text sizes

† To order with colored print-on area, add YL for Yellow, RD for Red, BU for Blue, GR for Green, IG for Gray, OR for orange, PR for Purple and BR for Brown

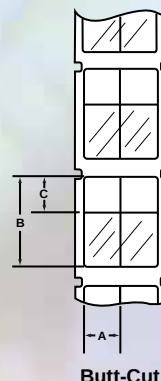
• Denotes butt-cut label, 2 half-wide marker strips

• TEDLAR is the registered trademark of E. I. DuPont Co.

* Order number of rolls required in multiples of Std. Pkg. Qty.



Standard



Butt-Cut

Self-Laminating Cable Markers for Large Cables or Cable Bundles



Print label (or write legend on marker)



Apply label to cable marker and adhere overlamine



Attach marker to cable with Panduit cable ties

- Durable tag to mark any diameter cable or bundle
- Cable markers have clear overlamine to protect legend
- Available in colors
- Attach with the appropriate length Panduit Intermediate Cable Tie for cable diameter

Part Number	Material	Color	Size Width x Length In. (mm)	Markers Per Pkg.	Std. Pkg. Qty.*
SLCT-1†	Self-Laminating Semi-Rigid Vinyl	White	4.00 x 1.00 (101.6 x 25.4)	25	1 Pkg.
SLCT-2†			5.00 x 1.00 (127.0 x 25.4)		
SLCT-3†			4.00 x 0.50 (101.6 x 12.7)		
SLCT-4†			5.00 x 0.50 (127.0 x 12.7)		

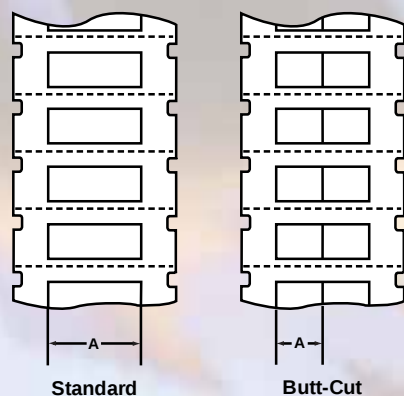
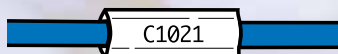
† Part number shown is white. To order other colors, add suffix YL for Yellow and OR for Orange

* Order number of packages required in multiples of Std. Pkg. Qty.

Enhanced Pan-Quik™ LS3E Hand-Held Printer Labels

Heat Shrink Tubing for Permanent Wire and Cable Identification

- Service Temperature Range: -22°F to 220°F (-30°C to 105°C)
- Shrink Ratio: 3:1 @ 212°F (100°C)
- Flammability: Meets U.L. Standard 224 for flammability
- Material: Flattened Polyolefin



Part Number	Label Code	Width A In. (mm)	Markers Per Row	Outside Cable Diameter Range In. (mm)	Color	Normal Text†		Markers Per Roll	Std. Pkg. Qty.*
						Lines Per Label	Characters Per Line		
LHSW-1	T206	0.50 (12.7)•	2	0.04 - 0.13 (1.1 - 3.2)	White	1	4	200	1 Roll
LHSW-2	T106	1.00 (25.4)	1		White	1	10	100	
LHSY-1	T206	0.50 (12.7)•	2		Yellow	1	4	200	
LHSY-2	T106	1.00 (25.4)	1		Yellow	1	10	100	
LHSW-3	T211	0.50 (12.7)•	2	0.08 - 0.25 (2.1 - 6.4)	White	2	4	200	
LHSW-4	T111	1.00 (25.4)	1		White	2	10	100	
LHSY-3	T211	0.50 (12.7)•	2		Yellow	2	4	200	
LHSY-4	T111	1.00 (25.4)	1		Yellow	2	10	100	
LHSW-5	T121	1.00 (25.4)	1	0.17 - 0.50 (4.2 - 12.7)	White	5	10	100	
LHSY-5	T121	1.00 (25.4)	1		Yellow	5	10	100	

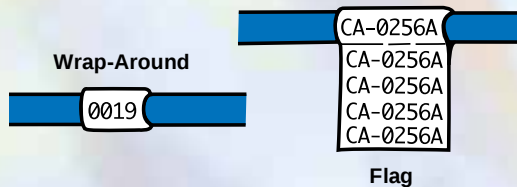
† See page 10 for similar information using other text sizes

• Denotes butt-cut label, 2 half-wide marker strips

* Order the number of rolls required in multiples of Std. Pkg. Qty.

Wire Marker Labels

- Can be used as wrap-around or flag style markers
- Can also be used for component labeling
- Material: White Vinyl Cloth

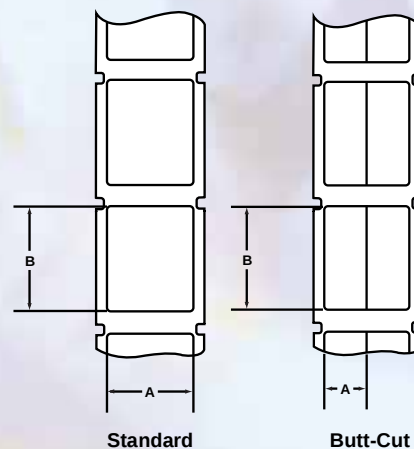


Part Number	Label Code	Width A In. (mm)	Length B In. (mm)	Normal Text†		Labels Per Roll	Std. Pkg. Qty.*
				Lines Per Label	Characters Per Line		
LW-4	1319	0.50 (12.7)	0.75 (19.1)	5	4	250	1 Roll
LW-6	2519	0.50 (12.7)•	0.75 (19.1)	5	4	500	
LW-3	1325	0.50 (12.7)	1.00 (25.4)	7	4	250	
LW-1	1332	0.50 (12.7)	1.25 (31.8)	9	4	250	
LW-5	2532	0.50 (12.7)•	1.25 (31.8)	9	4	500	
LW-2	2532	1.00 (25.4)	1.25 (31.8)	9	10	250	

† See page 10 for similar information using other text sizes

• Denotes butt-cut label, 2 half-wide marker strips

* Order number of rolls required in multiples of Std. Pkg. Qty.



Enhanced Pan-Quik™ LS3E Hand-Held Printer Labels

Component Labels

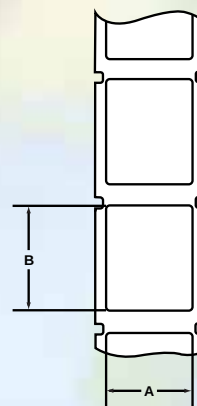
- Available in a wide range of sizes
- Material: White Vinyl Cloth



Part Number	Label Code	Width A In. (mm)	Length B In. (mm)	Color	Normal Text‡		Labels Per Roll	Std. Pkg. Qty.*
					Lines Per Label	Characters Per Line		
LC-6	1307	0.50 (12.7)	0.28 (7.0)	White	1	4	500	1 Roll
LC-3	1313	0.50 (12.7)	0.50 (12.7)	White	3	4	500	
LC-7	2507	1.00 (25.4)	0.28 (7.0)	White	1	10	500	
LC-9	2510	1.00 (25.4)	0.40 (10.2)	White	2	10	500	
LC-10	2513	1.00 (25.4)	0.50 (12.7)	White	3	10	500	
LC-4	2519	1.00 (25.4)	0.75 (19.1)	White	5	10	250	
LC-2	2525	1.00 (25.4)	1.00 (25.4)	White	7	10	250	
LC-8	3807	1.50 (38.1)	0.28 (7.0)	White	1	16	500	
LC-11	3813	1.50 (38.1)	0.50 (12.7)	White	3	16	500	
LC-5	3819	1.50 (38.1)	0.75 (19.1)	White	5	16	250	
LC-1	3832	1.50 (38.1)	1.25 (31.8)	White	9	16	250	

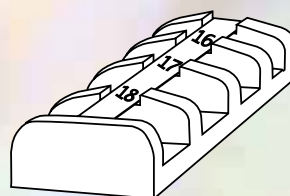
‡ See page 10 for similar information using other text sizes

* Order number of rolls required in multiples of Std. Pkg. Qty.



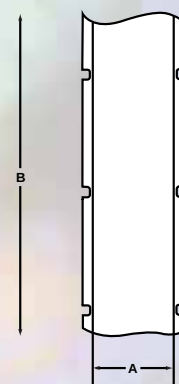
Terminal Block Labels

- Used to make on-demand terminal block label strips
- 35 ft. (10.7 m) continuous roll
- Material: White Vinyl Cloth

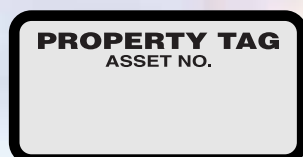


Part Number	Label Code	Width A In. (mm)	Length B Ft. (m)	Labels Per Roll	Std. Pkg. Qty.*
LC-14	0900	0.31 (7.9)	35 ft. (10.7 m)	1	1 Roll
LC-15	1000	0.38 (9.5)	35 ft. (10.7 m)	1	

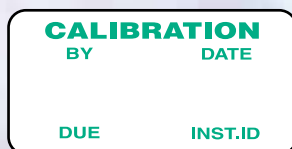
* Order number of rolls required in multiples of Std. Pkg. Qty.



Asset and Quality Labels



LC-38



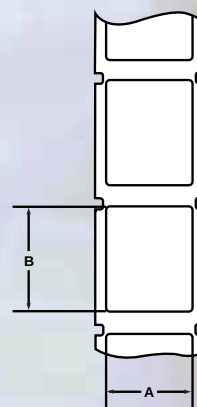
LC-39



LC-40

Part Number	Label Code	Width A In. (mm)	Length B In. (mm)	Material	Color (Legend/ Background)	Labels Per Roll	Std. Pkg. Qty.*
LC-38	3611	1.50 (38.1)	0.75 (19.1)	Polyester	Black/Silver	250	1 Roll
LC-39	3811	1.50 (38.1)	0.75 (19.1)	Vinyl Cloth	Green/White	250	
LC-40	3813	1.50 (38.1)	0.75 (19.1)	Vinyl Cloth	Black/White	250	

* Order number of rolls required in multiples of Std. Pkg. Qty.



Lines Per Label / Characters Per Line

Panduit Label P/N	Label Code*	Print Width In. (mm)	Print Length In. (mm)	Compressed Text		Small Text		Normal Text		Large Text	
				Lines per label	Characters per line	Lines per label	Characters per line	Lines per label	Characters per line	Lines per label	Characters per line
L3CBX	1313	0.50 (12.7)	0.50 (12.7)	4	8	4	6	3	4	2	3
L3EFPL1	1074	0.38 (9.5)	2.90 (73.7)	33**	2**	33**	2**	22**	1**	16**	1**
L3EFPL2	3810	1.50 (38.1)	0.38 (9.5)	3	28	3	22	2	16	1	11
L3EFPN1	0876	0.33 (8.5)	3.00 (76.2)	34**	2**	34**	2**	23**	1**	17**	1**
L3EFPN2	1050	0.40 (10.2)	1.95 (49.5)	21**	3**	21**	3**	15**	1**	11**	1**
L3PL1	3838	1.50 (38.1)	1.50 (38.1)	16	28	16	22	11	16	8	11
L3PL2	3823	1.50 (38.1)	0.90 (22.9)	9	28	9	22	6	16	4	11
L3PP2	0893	0.25 (6.4)	3.68 (93.5)	41**	1**	41**	1**	28**	1**	21**	1**
LC-1	3832	1.50 (38.1)	1.25 (31.8)	13	28	13	22	9	16	6	11
LC-2	2525	1.00 (25.4)	1.00 (25.4)	10	17	10	14	7	10	5	7
LC-3	1313	0.50 (12.7)	0.50 (12.7)	4	8	4	6	3	4	2	3
LC-4	2519	1.00 (25.4)	0.75 (19.1)	7	17	7	14	5	10	3	7
LC-5	3819	1.50 (38.1)	0.75 (19.1)	7	28	7	22	5	16	3	11
LC-6	1307	0.50 (12.7)	0.28 (7.0)	1	8	1	6	1	4	1	3
LC-7	2507	1.00 (25.4)	0.28 (7.0)	1	17	1	14	1	10	1	7
LC-8	3807	1.50 (38.1)	0.28 (7.0)	1	28	1	22	1	16	1	11
LC-9	2510	1.00 (25.4)	0.40 (10.2)	3	17	3	14	2	10	1	7
LC-10	2513	1.00 (25.4)	0.50 (12.7)	4	17	4	14	3	10	2	7
LC-11	3813	1.50 (38.1)	0.50 (12.7)	4	28	4	22	3	16	2	11
LHSW-1•	T206	0.50 (12.7)	0.25 (6.4)	1	8	1	6	1	4	0	0
LHSW-2	T106	1.00 (25.4)	0.25 (6.4)	1	18	1	14	1	10	0	0
LHSW-3•	T211	0.50 (12.7)	0.44 (11.2)	3	8	3	6	2	4	1	3
LHSW-4	T111	1.00 (25.4)	0.44 (11.2)	3	18	3	14	2	10	1	7
LHSW-5	T121	1.00 (25.4)	0.84 (21.3)	8	18	8	14	5	10	4	7
LHSY-1•	T206	0.50 (12.7)	0.25 (6.4)	1	8	1	6	1	4	0	0
LHSY-2	T106	1.00 (25.4)	0.25 (6.4)	1	18	1	14	1	10	0	0
LHSY-3•	T211	0.50 (12.7)	0.44 (11.2)	3	8	3	6	2	4	1	3
LHSY-4	T111	1.00 (25.4)	0.44 (11.2)	3	18	3	14	2	10	1	7
LHSY-5	T121	1.00 (25.4)	0.84 (21.3)	8	18	8	14	5	10	4	7
LW-1	1332	0.50 (12.7)	1.25 (31.8)	13	8	13	6	9	4	6	3
LW-2	2532	1.00 (25.4)	1.25 (31.8)	13	17	13	14	9	10	6	7
LW-3	1325	0.50 (12.7)	1.00 (25.4)	10	8	10	6	7	4	5	3
LW-4	1319	0.50 (12.7)	0.75 (19.1)	7	8	7	6	5	4	3	3
LW-5•	2532	0.50 (12.7)	1.25 (31.8)	13	7	13	6	9	4	6	3
LW-6•	2519	0.50 (12.7)	0.75 (19.1)	7	7	7	6	5	4	3	3
LWS-1	1313	0.50 (12.7)	0.50 (12.7)	4	8	4	6	3	4	2	3
LWS-2	2513	1.00 (25.4)	0.50 (12.7)	4	17	4	14	3	10	2	7
LWS-3	3813	1.50 (38.1)	0.50 (12.7)	4	28	4	22	3	16	2	11
LWS-4	1310	0.50 (12.7)	0.38 (9.5)	3	8	3	6	2	4	1	3
LWS-5	2510	1.00 (25.4)	0.38 (9.5)	3	17	3	14	2	10	1	7
LWS-6	1310	0.50 (12.7)	0.38 (9.5)	3	8	3	6	2	4	1	3
LWS-7	2510	1.00 (25.4)	0.38 (9.5)	3	17	3	14	2	10	1	7
LWS-8•	2510	0.50 (12.7)	0.38 (9.5)	3	7	3	6	2	4	1	3
LWS-9•	2513	0.50 (12.7)	0.50 (12.7)	4	7	4	6	3	4	2	3
LWS-10	2519	1.00 (25.4)	0.75 (19.1)	7	17	7	14	5	10	3	7
LWS-11	3819	1.50 (38.1)	0.75 (19.1)	7	28	7	22	5	16	3	11
LWS-12	2525	1.00 (25.4)	1.00 (25.4)	10	17	10	14	7	10	5	7
LWS-13	3825	1.50 (38.1)	1.00 (25.4)	10	28	10	22	7	16	5	11
LWS-54	2513	1.00 (25.4)	0.50 (12.7)	4	17	4	14	3	10	2	7

*Label codes are distinct codes used to tell the printer the size of the label.

**Because these labels are generally printed in the Rotated Text Mode, values shown are for Rotated Text

•Butt-cut double wide

Part of a Complete Line of Printers

LS5 and LS5E Industrial Labeling Systems

- Hand-held, thermal transfer labeling system designed to meet the rugged demands of industrial labeling applications
- Produces self-laminating labels and wire markers, heat shrink wire markers, continuous laminated and non-laminated tape and die-cut labels
- Fits snugly in your hand and weighs just over 4 pounds with batteries
- Alpha and numeric sequencing and bar code capabilities



PTR1 Flat-Bed, Dot-Matrix Printer

- Durable label printer for high volume printing applications in industrial environments
- Produces *ON-DEMAND*™ Wire Marker Cards, Self-Laminating Wire Markers, Heat Shrink Labels — any pin-fed label!
- Straight label path eliminates the potential for jamming
- Adjustable print head gap eliminates smearing, especially on thick material such as heat shrink tubing

DURA-MARK™ PTR2 Thermal Transfer Printer

- High quality, thermal transfer printer for medium to high volume printing applications
- Create your own custom wire markers, heat shrink markers, bin markers and large labels with characters up to 3.5" (89 mm) high
- Choose from vinyl, self-laminating vinyl and heat shrink tubing materials



PTR3 Thermal Transfer Printer

- Fast, rugged printer for high volume applications
- High speed 32-bit RISC processor provides maximum performance at speeds up to 10 inches per second
- Prints crisp, superior quality 203 dpi resolution images
- 16 bar code symbologies built in
- Print self-laminating labels and wire markers, heat shrink and die-cut labels

For information on these printers or the rest of the complete line of Panduit Identification Products, please call our Customer Service Department at 1-888-506-5400

Material Selection

Material Type	Temperature Range	Description	Key Feature	Color	Outdoor Rated	Hazardous Environment*	UL Rec.	CSA
SELF-LAMINATING VINYL	-40° to 150°F (-40° to 68°C)	Self-laminating film for most general wire and cable labeling	Low cost, conformable material	Clear	No	No	Yes	Yes
SELF-LAMINATING TEDLAR®	-0° to 275°F (-18° to 135°C)	Self-laminating film for wire and cable labeling in outdoor, high temperature or harsh environments	Resistant to high temperatures and U.V. light	Clear	Yes	Yes	Yes	Yes
VINYL CLOTH	-50° to 170°F (-46° to 77°C)	General purpose material, vinyl impregnated cloth resists oil and abrasion	Material can be removed and reused	White	No	No	No	No
POLYOLEFIN	-22° to 220°F (-30° to 105°C)	Polyolefin heat shrink for wire marking applications, excellent print quality	Secure identification	White, Yellow	No	No	Yes	No
POLYESTER	-40° to 311°F (-40° to 154°C)	Polyester film for durability, high temperature and dimensional stability	Does not tear or stretch	Clear, White, Silver	Yes	Yes	No	No
SEMI-RIGID VINYL	-20° to 176°F (-29° to 80°C)	Semi-rigid non-adhesive material for faceplates and surface mount box labels	Non-adhesive	White	Yes	Yes	No	No

*TEDLAR is the registered trademark of E. I. DuPont Co.

*For complete material specification information, contact Product Management at 1-888-506-5400, ext. 7337

SERVING YOU WORLDWIDE

FOR COUNTRIES NOT LISTED, CONTACT YOUR NEAREST PANDUIT HEADQUARTERS

WORLD HEADQUARTERS

PANDUIT CORP.

17301 Ridgeland Avenue
Tinley Park, Illinois 60477-3091
Phone: (1) 708-532-1800
Toll Free: (1) 888-506-5400
FAX: (1) 708-532-1811

EUROPEAN HEADQUARTERS

PANDUIT Europe

West World – Westgate
London W5 1XP
United Kingdom
Phone: +44 (0) 181 601 7200
FAX: +44 (0) 181 601 7209

ASIAN HEADQUARTERS

PANDUIT SINGAPORE PTE. LTD.

5 Gul Lane
Singapore 629404
Republic of Singapore
Phone: (65) 861 3122
FAX: (65) 861 3161

AUSTRALIA

Phone: (61) 3-9794 9020

AUSTRIA

Phone: (43) 1-6045071

BELGIUM

Phone: (32) 2-4668660

BRAZIL

Phone: 55-19-881-2517

CANADA

Phone: (905) 475-6922

CHINA

PANDUIT BEIJING OFFICE

Phone: (8610) 6874 8629/6874 8630

PANDUIT HONG KONG OFFICE

Phone: (852) 2956 0380

PANDUIT SHANGHAI OFFICE

Phone: (8621) 6312 3215

COSTA RICA

Phone: (506) 224-5915

DENMARK

Phone: +45 48 14 21 66

FRANCE

Phone: 33.1.48.98.22.22

GERMANY

Phone: 49 6171 6232-0

INDIA

Phone: (91-80) 554 3800

ITALY

Phone: (39) (02) 93 17 31

JAPAN

Phone: (81) (3) 3767 7011

KOREA

Phone: (82-2) 423 9485

LATIN AMERICA

Phone: 954-677-2711

MEXICO

Phone: (52) (3) 670-27-42/670-27-67

NETHERLANDS

Phone: (31) (73) 521 90 00

NORWAY

Phone: +47 22 99 6040

PHILIPPINES

Phone: (632) 4560/496 8792

SPAIN

Phone: (34) 934 948 560

TAIWAN

Phone: (886-2) 560 1368

UNITED ARAB EMIRATES

Phone: (971 4) 816669

UNITED KINGDOM

Phone: +44 (0) 181 601 7219

Our products are warranted to be free from defects in material and workmanship at the time of sale but our obligation under this warranty is limited to the replacement of any product proved to be defective within 6 months (for product) or 90 days (for tools) from the date of delivery. Tool warranty is void if Panduit tools are modified, altered or misused in any way. Use of Panduit tooling with any product other than the specified Panduit products for which the tool was designed, constitutes misuse. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith.

This warranty is made in lieu of and excludes all other warranties, expressed or implied. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE ARE SPECIFICALLY EXCLUDED. Neither seller nor manufacturer shall be liable for any other injury, loss or damage, whether direct or consequential, arising out of the use of, or the inability to use, the product.

The information contained in this literature is based on our experience to date and is believed to be reliable. It is intended as a guide for use by persons having technical skill at their own discretion and risk. We do not guarantee favorable results or assume any liability in connection with its use. Dimensions contained herein are for reference purposes only. For specific dimensional requirements consult the factory. This publication is not to be taken as a license to operate under, or a recommendation to infringe any existing patents. This supersedes and voids all previous literature, etc.



ELECTRICAL GROUP



SA101N402-ID

Printed in U.S.A.