

**NEW!**

## **PANTHER™ LS8 Hand-Held Thermal Transfer Printer and Accessories**

The versatile PANTHER™ LS8 Hand-Held Thermal Transfer Printer with revolutionary label cut-to-length functionality eliminates label waste and label trimming labor. A partial cut feature is available to provide tear-apart strips of labels for quicker installation.

The PANTHER™ LS8 Hand-Held Thermal Transfer Printer prints high quality, industrial labels on a wide variety of materials for electrical and network applications such as wire/cable, components, safety and facility identification. The printer uses label cassettes that contain an integrated memory device for automatic formatting, recall of last legend used and number of labels remaining in cassette. The fast loading label cassettes include both label material and ribbon to make changing labels easy.

The compact and rugged PANTHER™ LS8 is easy to use and fits comfortably in one hand. The large, backlit display makes the PANTHER™ LS8 the ideal tool for printing labels at a remote job site. USB interface for importing data, system upgrades and printing labels from a wireless laptop or desktop computer.



**PATENT  
PENDING**

### **Key Features**

### **Benefits**

<b>Revolutionary label cut-to-length functionality</b>	Eliminates label waste and label trimming labor
<b>Unique cutter design allows full or partial label cutting</b>	Flexibility to choose individually cut labels or a strip of tear-apart labels for quicker installation
<b>Cassettes with automatic label recognition</b>	Label cassettes contain an integrated memory device for automatic formatting, recall of last legend used and number of labels remaining in cassette
<b>Fast loading label cassette</b>	Contains both label material and ribbon to make changing labels easy
<b>Print self-laminating labels, heat shrink tubing, die-cut component labels and continuous tape</b>	One printer for all labeling applications Printed labels withstand harsh operating conditions including abrasion, chemicals and temperature exposure
<b>Large graphic display with backlight</b>	Maximize label design area with backlight for improved visibility
<b>USB interface</b>	Allows importing data, system upgrades and printing labels from a wireless laptop or desktop computer
<b>Compact, rugged design</b>	Easy to use and fits comfortably in one hand
<b>Crisp thermal transfer print</b>	High quality print enhances label appearance

**Ordering Information — Printer and Accessories**



Part Number	Description	Std. Pkg. Qty.
LS8-KIT	Includes LS8 printer, 1 cassette of S100X150VAC self-laminating labels, 6 AA alkaline batteries, rigid carrying case, LS8-PCKIT, LS8-IB, LS8-WS and quick reference card.	1
LS8	Includes LS8 printer, 1 cassette of S100X150VAC self-laminating labels, 6 AA alkaline batteries, and quick reference card.	1
LS8-ACS*	120V AC power adapter for North America.	1
LS8-CASE	Rigid carrying case.	1
LS8-PCKIT	Includes USB cable and PC interface software which allows importing data, system upgrades and printing labels from a computer.	1
LS8-IB	Protective impact bumper.	1
LS8-WS	Wrist strap.	1
LS8-CLN	Cleaning kit.	1

\*Cannot be used to charge batteries.  
Other adapters available, replace S with A (Australia), E (Europe) and U (UK).



**Label Cassette System**



- Integrated memory device saves last legend used for later recall and records number of labels remaining in a cassette
- Fast loading label cassette includes both label material and ribbon to make changing labels easy
- Print self-laminating labels, heat shrink tubing, die-cut component labels and continuous tape
- Durable materials are designed for use in industrial environments

**PC Interface**

Connect the *PANTHER™* LS8 printer to a wireless laptop or desktop computer for importing data, system upgrades and printing labels.



USB compatible

- Download and print label files from MICROSOFT EXCEL<sup>^</sup>
- Archive label files on a computer for later use or sharing
- Install LS8 operating system upgrades
- Print labels directly from *PANDUIT® EASY-MARK™* Labeling Software
- LS8-PCKIT includes a USB cable and CD-ROM with software and operator's manual

<sup>^</sup>EXCEL is a registered trademark of Microsoft Corp. in the United States and/or other countries.

**Label Design Flexibility**

- Revolutionary label cut-to-length functionality eliminates label waste and label trimming labor
- Partial cut feature available to provide tear-apart strips of labels
- Large graphic display with backlight for improved visibility
- Text editor allows simple label creation
- View and print labels directly from the preview screen
- Customize your labels with these advanced features:
  - Alpha and numeric serialization
  - Bar codes
  - Symbols
  - Data lists
  - Date and time stamp
  - Lines
  - Frames



Cut-to-Length Labels



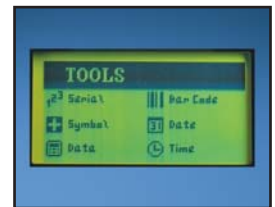
Partial Cut Strip of Labels



Graphic Display with Backlight



Text Editor Allows Simple Label Creation



Customize Labels with Advanced Features

**Self-Laminating Label Cassettes**



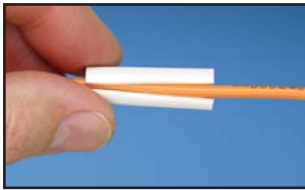
- Labels offer crisp, clear legends with superior legibility
- Self-laminating labels for wire/cable labeling include a colored print-on area and clear overlamine to protect the legend for clear and durable identification
- Labels are available in a large range of wire/cable sizes

Part Number	Description	Width		Length		Print-on Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
S050X075VAC	White print-on, vinyl label for 18-14 AWG wires, 450/cassette.	.50	12.70	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S050X125VAC	White print-on, vinyl label for 12-10 AWG wires, 225/cassette.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S050X150VAC	White print-on, vinyl label for Cat 5/Cat 5e/Cat 6 cables, 200/cassette.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X075VAC	White print-on, vinyl label for 18-14 AWG wires, 350/cassette.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S100X125VAC	White print-on, vinyl label for 12-10 AWG wires, 225/cassette.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S100X150VAC	White print-on, vinyl label for Cat 5/Cat 5e/Cat 6 cables, 200/cassette.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X225VAC	White print-on, vinyl label for 8-4 AWG wires, 125/cassette.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10
S100X400VAC	White print-on, vinyl label for 2-1 AWG wires, 75/cassette.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1	10
S100X650VAC	White print-on, vinyl label for 1/0-250 MCM wires, 50/cassette.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1	10

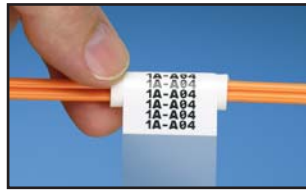
Order number of cassettes required.

**LABELCORE™ Fiber Optic Cable Identification System**

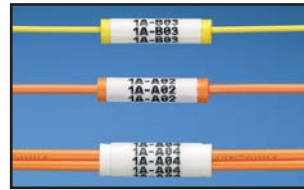
- Provides a larger labeling surface on small fiber cables and allows legends to be clearly seen
- Sleeve is made of flexible PVC material
- Locate sleeve on straight section of cable at least 2.00" from fiber boot



Apply LABELCORE™ sleeve to cable



Wrap self-laminating label around LABELCORE™ sleeve



LABELCORE™ sleeves labeled and installed

Part Number	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
NWSLC-2Y	Yellow, cable identification sleeve, 2mm simplex cable.	100	1000
NWSLC-3Y	Orange, cable identification sleeve, 3mm simplex cable.	100	1000
NWSLC-7Y	White, cable identification sleeve, 3mm duplex fiber cable.	100	1000

Order number of sleeves required.

**Self-Laminating Label Cassettes for Use with LABELCORE™ Fiber Optic Cable Identification System**

Part Number	Description	Width		Length		Print-on Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
S100X160VAC	White print-on, self-laminating vinyl label 175/cassette. For use with NWSLC-2Y and NWSLC-3Y.	1.00	25.40	1.60	40.64	.80	20.32	.25	6.35	.25	6.35	1	10
S100X220VAC	White print-on, self-laminating vinyl label 125/cassette. For use with NWSLC-7Y.	1.00	25.40	2.20	55.88	1.10	27.94	.48	12.19	.48	12.19	1	10

Order number of cassettes required.

**Non-Laminated Label Cassettes**



- Labels offer crisp, clear legends with superior legibility
- Use as a wrap around label or flag style marker for wire/cable labels
- Labels are perforated so they can be used as full-size or half-size markers
- Available in vinyl cloth material for long-term or temporary labeling

Part Number	Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	in.	mm	in.	mm	in.	mm		
N050X075CBC	White, vinyl cloth label for 18-14 AWG wires, 125/cassette cables.	.50	12.70	.75	19.05	.24	6.10	.51	12.95	1	10
N050X150CBC	White, vinyl cloth label for Cat 5/Cat 5e/Cat 6 cables, 75/cassette.	.50	12.70	1.50	38.10	.48	12.19	1.02	25.91	1	10
N100X125CBC	White, vinyl cloth label for 12-10 AWG wires, 75/cassette.	1.00	25.40	1.25	31.75	.40	10.16	.85	21.59	1	10
N100X175CBC	White, vinyl cloth label for 8-4 AWG wires, 50/cassette.	1.00	25.40	1.75	44.45	.56	14.22	1.19	30.23	1	10

Order number of cassettes required.

**Continuous Heat Shrink Label Cassettes**



- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability and UL Standard 2043 suitable for use in air handling spaces
- Shrink ratio of 3:1
- Each cassette contains a continuous roll of flattened polyolefin that can be cut-to-length and partially cut

Part Number	Description	Width		Length		Min. Cable Diameter		Max. Cable Diameter		Std. Pkg. Qty.	Std. Ctn. Qty.
		ft	M	in.	mm	in.	mm	in.	mm		
H000X025F1C	White, 1/8" diameter heat shrinkable polyolefin.	.25	6.35	8.0	2.44	.04	1.02	.13	3.30	1	10
H000X034F1C	White, 3/16" diameter heat shrinkable polyolefin.	.34	8.64	8.0	2.44	.06	1.52	.19	4.83	1	10
H000X044F1C	White, 1/4" diameter heat shrinkable polyolefin.	.44	11.18	6.0	1.83	.08	2.03	.25	6.35	1	10
H000X084F1C	White, 1/2" diameter heat shrinkable polyolefin.	.84	21.34	6.0	1.83	.17	4.32	.50	12.70	1	10

Order number of cassettes required.

**General Component Label Cassettes**

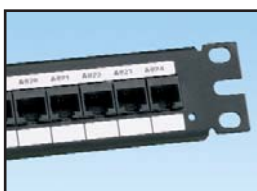


- Labels offer crisp, clear legends with superior legibility
- Multi-purpose labels for identifying flat surfaces such as components, control panels, circuit boards and general labeling
- Available in polyester and vinyl cloth materials

Part Number	Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	in.	mm		
C060X020YJC	White, polyester label, 750/cassette.	.60	15.24	.20	5.08	1	10
C100X025YJC	White, polyester label, 500/cassette.	1.00	25.40	.25	6.35	1	10
C100X050CBC	White, vinyl cloth label, 175/cassette.	1.00	25.40	.50	12.70	1	10
C100X050YJC	White, polyester label, 500/cassette.	1.00	25.40	.50	12.70	1	10
C150X075YJC	White, polyester label, 250/cassette.	1.50	38.10	.75	19.05	1	10
C200X050CBC	White, vinyl cloth label, 50/cassette.	2.00	50.80	.50	12.70	1	10
C200X050YJC	White, polyester label, 200/cassette.	2.00	50.80	.50	12.70	1	10
C200X100YJC	White, polyester label, 200/cassette.	2.00	50.80	1.00	25.40	1	10

Order number of cassettes required.

**ULTIMATE ID® Network Label Cassette**



- Label cassettes designed for use with *ULTIMATE ID*® faceplates, patch panels, marker ties, modular furniture faceplates, surface mount boxes, and components
- Labels assist in compliance with TIA/EIA-606-A labeling standard
- Available in non-adhesive polyester material

Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	ft	M		
UMLS8BW	White, non-adhesive polyester label cassette.	.236	6.0	25.0	7.6	1	10

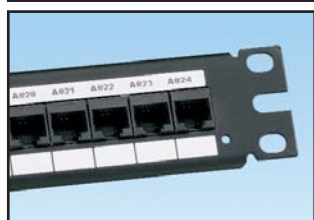
Order number of cassettes required.

For complete *ULTIMATE ID*® Network Labeling System product information visit [www.panduit.com](http://www.panduit.com).



**Network Component Label Cassettes**

- To find the suggested label solutions for a specific network component, refer to the *PAN-NET®* Network Solutions catalog available online at <http://www.panduit.com/ncg1> and search by network component part number using the find function
- Labels offer crisp, clear legends with superior legibility
- Die-cut labels designed to provide maximum aesthetic quality and appearance
- Available in polyolefin and non-adhesive polyester materials
- Use for identifying patch panels, faceplates, punchdown blocks and other network systems hardware



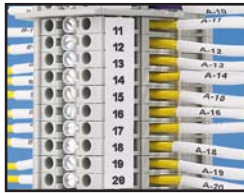
Part Number*	Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	in.	mm		
C061X030FJC	White, polyolefin label, 500/cassette, one port identifier.	.61	15.49	.30	7.62	1	10
C125X030FJC	White, polyolefin label, 200/cassette, two port identifier.	1.25	31.75	.30	7.62	1	10
C138X019FJC	White, polyolefin label, 200/cassette, module.	1.38	35.05	.19	4.83	1	10
C188X030FJC	White, polyolefin label, 150/cassette, three port identifier.	1.88	47.75	.30	7.62	1	10
C195X040Y1C	White, non-adhesive polyester label, 100/cassette, single gang faceplate.	1.95	49.53	.40	10.16	1	10
C200X100FJC	White, polyolefin label, 150/cassette, SLCT.	2.00	50.80	1.00	25.40	1	10
C252X030FJC	White, polyolefin label, 125/cassette, four port identifier.	2.52	64.01	.30	7.62	1	10
C261X030FJC	White, polyolefin label, 125/cassette, four port identifier.	2.61	66.29	.30	7.62	1	10
C261X035Y1C	White, non-adhesive polyester label, 75/cassette, four port identifier.	2.61	66.29	.35	8.89	1	10
C282X030Y1C	White, non-adhesive polyester label, 75/cassette, four port identifier.	2.82	71.63	.30	7.62	1	10
C288X040Y1C	White, non-adhesive polyester label, 150/cassette, double gang faceplate.	2.88	73.15	.40	10.16	1	10
C315X030FJC	White, polyolefin label, 100/cassette, five port identifier.	3.15	80.01	.30	7.62	1	10
C379X030FJC	White, polyolefin label, 75/cassette, six port identifier.	3.79	96.27	.30	7.62	1	10
C390X030Y1C	White, non-adhesive polyester label, 50/cassette, six port identifier.	3.90	99.06	.30	7.62	1	10
C750X050Y1C	White, non-adhesive polyester label, 30/cassette, 110 block.	7.50	190.50	.50	12.70	1	10
C788X050Y1C	White, non-adhesive polyester label, 30/cassette, GP6™ system.	7.88	200.15	.50	12.70	1	10

Order number of cassettes required.

\*To find the suggested label solutions for a specific network component, refer to the *PAN-NET®* Network Solutions catalog available online at <http://www.panduit.com/ncg1> and search by network component part number using the find function.

**Continuous Terminal Block Label Cassettes**

- Tapes offer crisp, clear legends with superior legibility
- Print terminal block labels ranging in size from .24" to .38" wide
- Available in continuous polyolefin tape



Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	ft	M		
T024X000FJC-BK	Black on white, polyolefin tape.	.24	6.10	25.0	7.6	1	10
T031X000FJC-BK	Black on white, polyolefin tape.	.31	7.87	25.0	7.6	1	10
T038X000FJC-BK	Black on white, polyolefin tape.	.38	9.65	25.0	7.6	1	10

Order number of cassettes required.

**Continuous Tape Cassettes**

- Tapes offer crisp, clear legends with superior legibility
- Print custom pipe markers, voltage markers, signs and bin marker labels on demand
- Available in a variety of colors, widths and materials including continuous polyester and vinyl



Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		in.	mm	ft	M		
T038X000VPC-BK	Black on white, vinyl tape.	.38	9.65	25.0	7.6	1	10
T038X000VYC-WH	White on black, vinyl tape.	.38	9.65	25.0	7.6	1	10
T038X000YKC-BK	Black on clear, polyester tape.	.38	9.65	25.0	7.6	1	10
T050X000VPC-BK	Black on white, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VQC-BK	Black on blue, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VSC-BK	Black on green, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VUC-BK	Black on orange, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VWC-BK	Black on red, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VXC-BK	Black on yellow, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VYC-WH	White on black, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000YKC-BK	Black on clear, polyester tape.	.50	12.70	25.0	7.6	1	10
T075X000VPC-BK	Black on white, vinyl tape.	.75	19.05	25.0	7.6	1	10
T075X000YKC-BK	Black on clear, polyester tape.	.75	19.05	25.0	7.6	1	10
T100X000VPC-BK	Black on white, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VQC-BK	Black on blue, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VQC-WH	White on blue, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VSC-BK	Black on green, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VSC-WH	White on green, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VUC-BK	Black on orange, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VUC-WH	White on orange, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VWC-BK	Black on red, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VWC-WH	White on red, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VXC-BK	Black on yellow, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VXC-WH	White on yellow, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VYC-WH	White on black, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000YKC-BK	Black on clear, polyester tape.	1.00	25.40	25.0	7.6	1	10

Order number of cassettes required.

**Material Selection Guide**

Material Type	Temperature Range	Description	Color(s)	Outdoor Rated	UL Recognized*	RoHS‡ Compliant
Heat Shrink Polyolefin	-22°F to 220°F (-30°C to 105°C)	Polyolefin heat shrink for wire and cable marking applications, excellent print quality.	White	Yes	Yes	Yes
Polyester	-40°F to 257°F (-40°C to 125°C)	General purpose material for component labeling; excellent print quality; does not stretch or easily tear.	Clear	Yes	Yes	Yes
	-40°F to 302°F (-40°C to 150°C)		White	Yes	Yes	Yes
Polyester, Non-Adhesive	-10°F to 150°F (-23°C to 66°C)	Non-adhesive material ideal for network systems labeling; provides durability, high temperature resistance and dimensional stability.	White	Yes	No	Yes
Polyolefin	-50°F to 120°F (-46°C to 49°C)	Durable, pliable material with permanent adhesive for terminal block and network component labels.	White	No	No	Yes
Self-Laminating Vinyl	-40°F to 150°F (-40°C to 66°C)	Self-laminating film for most general wire and cable labeling; low cost, conformable material.	White Print-on	Yes	Yes	Yes
Vinyl Cloth	-50°F to 170°F (-46°C to 77°C)	General purpose material, vinyl impregnated cloth resists oil and abrasion; material can be removed, repositioned and reused.	White	No	Yes	Yes
Vinyl	-40°F to 176°F (-40°C to 80°C)	General purpose material for pipe marking, bin marking and facility identification; conformable material for flat applications in indoor or outdoor environments.	White	Yes	Yes	Yes
			Black Blue Green Orange Red Yellow	Yes	No	Yes

\*Recognized material (UL 969 Marking and Labeling Systems).

‡RoHS compliant per European Union directive, to help ensure a safer environment.

**Related Products**

**EASY-MARK™ Labeling Software Version 3.0**



- EASY-MARK™ Labeling Software Version 3.0 simplifies label creation for the specific needs of your applications
- Intuitive interview process allows automatic generation of compliant labels and signs
- Software selects and formats the optimum label for your specific project
- WYSIWYG (What You See Is What You Get) user interface, alpha/numeric serialization, data import, symbol import
- EASY-MARK™ Labeling Software Version 3.0 is part of a complete line of innovative identification solutions from PANDUIT
- Supports most WINDOWS^ drivers for standard thermal transfer, dot matrix, laser and ink jet, including PANDUIT thermal transfer printers

**System Requirements**

- WINDOWS^ 98, 2000, NT4.x or XP; processor with 64MB hard drive space and 40MB RAM

^WINDOWS is a registered trademarks of Microsoft Corp. in the United States and/or other countries.

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or by phone: 800-777-3300 and reference IDC22

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