

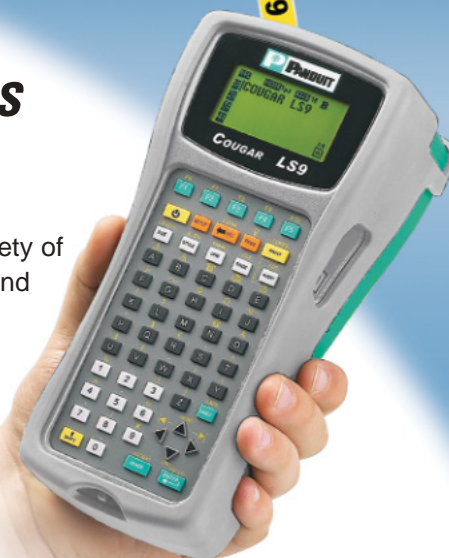
COUGAR LS9

NEW! *COUGAR™ LS9 Hand-Held Thermal Transfer Printer and Accessories*

The affordable and powerful *COUGAR™* LS9 Hand-Held Thermal Transfer Printer increases labeling productivity. The rugged printer design meets the demanding requirements of electrical and network users. With its ability to print on a wide variety of continuous industrial label materials for wire/cable marking, component labeling, and safety/facility identification, the *COUGAR™* LS9 Printer is ideal for use in the field.

Labels are provided in fast loading *P1™* Label Cassettes that each contain an integrated memory device for automatic formatting, recall of last legend used and number of labels remaining in the cassette. A partial cut feature provides the flexibility to choose tear-apart strips of labels for quicker installation.

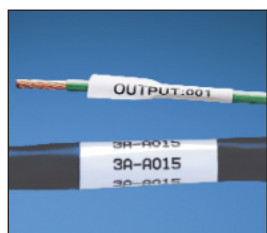
The *COUGAR™* LS9 Printer is part of a complete line of identification solutions from *PANDUIT*, which also includes the *PANTHER™* LS8E Hand-Held Thermal Transfer Printer with revolutionary label cut-to-length functionality.



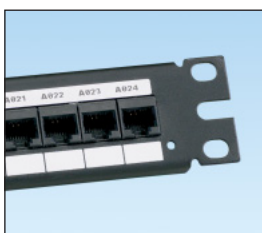
Key Features

Benefits

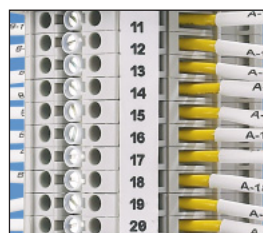
Print heat shrink tubing and continuous tape	Printed labels withstand harsh operating conditions including abrasion, chemicals, and temperature extremes
Unique cutter design allows full or partial label cutting	Flexibility to choose individually cut labels or a strip of tear-apart labels for quicker installation
Cassettes with automatic label recognition	Label cassettes contain an integrated memory device for automatic formatting, recall of last legend used, and number of labels remaining in the cassette
Fast loading label cassette	Contains both label material and ribbon to make changing labels easy
Large graphic display	Maximizes label design area
Compact, rugged design	Easy to use and fits comfortably in one hand
Crisp thermal transfer print	High quality print enhances label appearance



Wire/Cable Marking



Network Components



Electrical Components



Safety and Facility Identification



Partial Cut Strip of Labels

Ordering Information – Printer and Accessories



Part Number	Description	Std. Pkg. Qty.
LS9	Includes LS9 printer, 1 cassette of T100X000VPC-BK continuous tape, 6 AA alkaline batteries and quick reference card.	1
LS9-ACS*	120V AC power adapter for North America.	1
LS9-CASE	Rigid carrying case.	1
LS9-IB	Protective impact bumper.	1
LS9-WS	Wrist strap.	1
LS9-CLN	Cleaning kit.	1

*Cannot be used to charge batteries. Other adapters available, replace S with A (Australia), C (China), E (Europe) and U (UK). Order in multiples of standard package quantity.

P1™ Label Cassette System



- Integrated memory device saves last legend used for later recall and records number of labels remaining in the cassette
- Fast loading label cassette includes both label material and ribbon to make changing labels easy
- Durable materials are designed for use in industrial environments

Continuous Heat Shrink Label Cassettes



- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability
- Meets print performance requirements of MIL-M-81531 and MIL-STD-202F Method 215A, Solution A, C, and D
- Shrink ratio of 3:1
- Each cassette contains a continuous roll of flattened heat shrinkable 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.
		In.	mm	Ft.	M	In.	mm	In.	mm		
H000X025H1C	White, 1/8" diameter heat shrinkable polyolefin.	0.25	6.35	8.0	2.44	0.04	1.02	0.13	3.3	1	10
H000X025H2C	Yellow, 1/8" diameter heat shrinkable polyolefin.	0.25	6.35	8.0	2.44	0.04	1.02	0.13	3.3	1	10
H000X034H1C	White, 3/16" diameter heat shrinkable polyolefin.	0.34	8.64	8.0	2.44	0.06	1.52	0.19	4.83	1	10
H000X034H2C	Yellow, 3/16" diameter heat shrinkable polyolefin.	0.34	8.64	8.0	2.44	0.06	1.52	0.19	4.83	1	10
H000X044H1C	White, 1/4" diameter heat shrinkable polyolefin.	0.44	11.18	6.0	1.83	0.08	2.03	0.25	6.35	1	10
H000X044H2C	Yellow, 1/4" diameter heat shrinkable polyolefin.	0.44	11.18	6.0	1.83	0.08	2.03	0.25	6.35	1	10
H000X084H1C	White, 1/2" diameter heat shrinkable polyolefin.	0.84	21.34	6.0	1.83	0.17	4.32	0.05	12.7	1	10
H000X084H2C	Yellow, 1/2" diameter heat shrinkable polyolefin.	0.84	21.34	6.0	1.83	0.17	4.32	0.05	12.7	1	10

Order number of cassettes required.

Vinyl Cloth Continuous Tape Cassettes



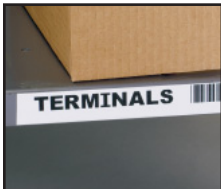
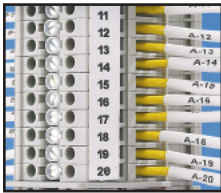
- Tapes offer crisp, clear legends with superior legibility
- Use as a wrap around label or flag style marker for wire/cable labels
- Also for use in flat applications
- Available in continuous vinyl cloth tape

Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	Ft.	M		
T050X000CBC-BK	Black on white, vinyl cloth tape.	.50	12.70	12.5	3.8	1	10
T100X000CBC-BK	Black on white, vinyl cloth tape.	1.00	25.40	12.5	3.8	1	10

Order number of cassettes required.

Continuous Tape Cassettes

- Tapes offer crisp, clear legends with superior legibility
- For flat label applications only
- Print terminal block labels ranging in size from .24" to .38" wide
- Print custom voltage markers, signs, and bin marker labels on demand
- Available in a variety of colors, widths, and materials including continuous polyolefin, polyester, and vinyl



Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	Ft.	M		
T024X000FJC-BK	Black on white, polyolefin tape, terminal block label.	.24	6.10	25.0	7.6	1	10
T031X000FJC-BK	Black on white, polyolefin tape, terminal block label.	.31	7.87	25.0	7.6	1	10
T038X000FJC-BK	Black on white, polyolefin tape, terminal block label.	.38	9.65	25.0	7.6	1	10
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
T100X000VSC-BK*	Black 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
T100X000VWC-BK*	Black 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
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

*Available with white ribbon, replace BK suffix with WH.
Order number of cassettes required.

Material Selection Guide

Material Type	Temperature Range	Description	Color(s)	Outdoor Rated	UL Recognized	RoHS Compliant‡
Heat Shrinkable Polyolefin [^]	-67°F to 275°F (-55°C to 135°C)	Polyolefin heat shrink for wire and cable marking applications, excellent print quality.	White Yellow	Yes	UL 224	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	UL 969	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	UL 969	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	UL 969	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	UL 969	Yes
			Black Blue Green Orange Red Yellow	Yes	UL 969	Yes

[^]Product meets print performance of MIL-M-81531 and MIL-STD-202F Method 215A, Solution A, C, and D.

‡Material is RoHS compliant per European Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS).

Printer Comparison Charts

Hand-Held Thermal Transfer Printing Solutions



PANTHER™ LS8E



COUGAR™ LS9

- Rugged printers meet the demanding requirements of electrical and network users
- Ability to print on a wide variety of label materials for wire/cable marking, component labeling, and safety/facility identification
- Labels provided in fast loading *P1™* Label Cassettes that each contain an integrated memory device for automatic formatting, recall of last legend used and number of labels remaining in the cassette

Label Types	PANTHER™ LS8E	COUGAR™ LS9
Continuous Tapes		
Continuous Heat Shrink Tubing		
Die-Cut Heat Shrink Tubing		
Die-Cut Component Labels		
Self-Laminating Labels		

Printer Features	PANTHER™ LS8E	COUGAR™ LS9
Partial Cut Feature		
RoHS Compliant		
Revolutionary Label Cut-To-Length Functionality		
PC Interface		

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