



Network Infrastructure Cable Label Printer

PT-E550WVP



Create durable and long lasting labels that comply to networking identification needs

Brother's PT-E550WVP label printer has been developed to streamline the identification needs of all network infrastructure. This portable label printer has dedicated function keys that enable quick creation of labels for copper and optical fibre cables, patch panels, equipment and many more. The QWERTY style keyboard and backlit graphical LCD display are ideal for work in dim jobsite.

Connect to the integrated Wi-Fi Direct from smartphone and use Brother's Pro-Label Tool app to quickly create labels from pre-defined templates. Select and print cable IDs stored in Fluke Networks Linkware Live™ projects using the free Brother's iLink&Label app.

Alternatively, use the advanced P-touch Editor label editing software on PC or Mac OS® systems to create labels. Link to the data stored in Microsoft® Excel spreadsheets to batch print all the labels. The half cut function keeps labels in the correct sequential order when printed in a long strip, making them easy to peel and manage.



Labels for all applications

Brother has over 30 years experience developing and manufacturing durable labels for specialised applications.

TZe Self-laminating labels can be trusted to stay attached to the cables, while TZe Strong adhesive labels are suitable for smooth or textured surfaces, making them ideal for patch panel and equipment identification.

Print labels that comply with networking standards

Many companies have adopted the ANSI/TIA-606-C or ISO/IEC 14763-2 identification standards. As well as defining the numbering system used to identify patch panels, ports, cabling, racks and cabinets, pathways and many more.

This standard dictate that the labels should be easily read and durable. PT-E550WVP label printer can prints crisp and legible text on durable label that meet these standards.

Complete Label Printer Package

PT-E550WVP label printer comes with

- TZe-S221 9mm Black on White Strong Adhesive laminated tape
- BA-E001 Rechargeable Li-ion battery
- AD-E001A AC Power adapter
- Mini USB cable
- Hard carrying case



Features designed to streamline identification requirements

- 1** Built-in Wi-Fi to connect wirelessly to smartphone and print labels using the free apps.
- 2** Print on TZe labels from 3.5mm to 24mm wide and Heat Shrink tubes from 5.2mm to 21mm.
- 3** Advanced label cutter with easy-peel function to print labels in a long strip, keeping them in the correct sequence.
- 4** Easy to read backlit graphical LCD display.
- 5** Use USB port to print labels or upload* content from a Computer using P-touch Editor software
- 6** Dedicated keys to easily create cable, Patch panel, equipment and Faceplate ID labels.
- 7** Separate numeric keypad for quick entry of numbers.
- 8** Save frequently used labels to the memory for instant recall and printing when required.
- 9** Upload* company logos or specialist symbols from a Computer or include popular industrial symbols on labels whenever required.
- 10** Built-in barcode printing function.
- 11** Serialise function to print multiple labels automatically in the correct numbered sequence.
- 12** Upload* cable ID's from a Computer using P-touch Editor or from a smartphone using iLink&Label or Mobile Transfer Express apps. Select the range of cable ID's to print labels on-site.



Apps that improve Productivity

PT-E550WVP label printer can connect directly to the smartphone using Wi-Fi Direct and use one of the following free apps to save time, effort and reduce mistakes when creating and printing labels. Download each app to find out more by scanning the QR code on the right or search from the smartphone's App store.



Brother iLink&Label

This powerful app allows printing multiple cable IDs stored in Fluke Networks Linkware Live™ projects on labels. This reduce errors and saves time over manual typing of each individual cable ID on the label printer's keypad.

- Connect to Fluke Linkware Live account within the app.
- Select project to download the cable IDs and transfer to the label printer's built-in database.
- Choose the required label, type using the label printer's keyboard, select the range of cable IDs from the database to print each label automatically.

Brother Pro Label Tool

Create labels for cables, patch panels, faceplates and many more using Brother's Pro Label Tool. This app is template based and allow quick selection of the label type required and edit the text before print.

- Have templates for CAT5 and CAT6 cables and patch panels with various numbers of ports.
- Alternatively create a label from scratch or include a logo, barcode, symbol and frame when required.
- Save frequently used labels to recall later and print or edit when required.
- Media detection function automatically check the tape width installed and set the app to the correct tape type.

Design and print labels on Computer

Brother's P-touch Editor is a fully featured label design software that allow design of labels with pixel precision and link to the data stored in Excel spreadsheets or .csv files to automatically batch print all the labels in one go.

- Connect via USB or Wi-Fi.
- Use the cable labelling wizard to quickly set up the label to exact requirements.
- Include company logos, custom symbols, barcodes, frames and many more.
- Automatically include the date or time the label was printed.
- Upload* a list of cable and equipment IDs to the label printer's database to quickly select and print during installation.
- Design custom templates and upload* to the label printer's memory to print.



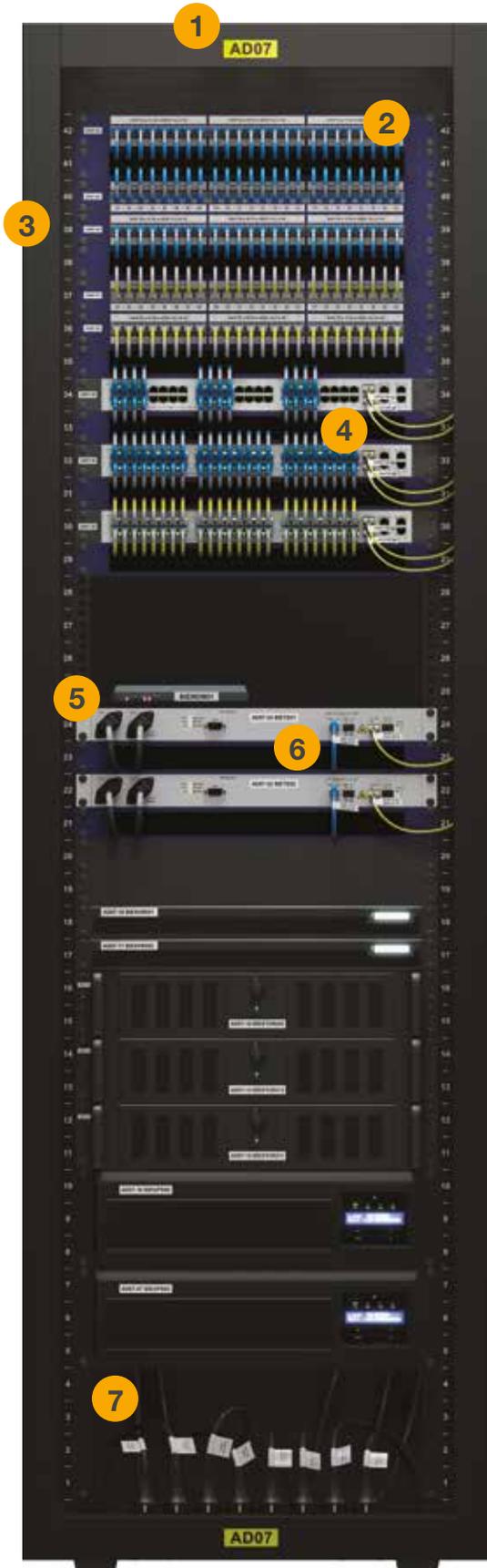
* Upload function is not available on Mac OS© systems

Labels that meet all identification needs

PT-E550WVP label printer uses specialist P-touch Pro Tape range. These tapes have been built using tough, durable and dependable professional grade materials and adhesives.

Strong adhesive tape are 3 times stronger on textured surfaces than Brother's standard tapes on the average. Self-laminating and Flexible-ID tapes are designed for long term cable identification. Security tapes leave a checkerboard pattern when removed, revealing evidence of tampering and ensures label cannot be re-applied.

Brother's Self-laminating labels have an additional durable laminate applied over the text during the time of printing. Use 24mm width label on the thicker CAT6A cables. The label text will be completely protected against any damage from abrasion.



1 Rack and cabinet ID



Strong adhesive tape

5 Misc equipment ID



Strong adhesive tape

2 Patch panel and port ID



Strong adhesive tape

6 CAT5e/CAT6A Cable ID



Self-laminating tape

3 Rack mounted equipment ID



Strong adhesive tape

7 Power cable ID



Flexible ID tape

4 Optical fibre cable ID



Flexible ID tape

Faceplate ID



Strong adhesive tape

Choose the right tape for the job

To ensure labels stay affixed, it is important to use the correct tape for each labelling applications. The below chart shows the recommended tape to use for each application.

SURFACE	WIRE AND CABLE IDENTIFICATION				GENERAL IDENTIFICATION	
	Flexible ID	Self-Laminating	Heat Shrink	Stencil	Strong Adhesive	Security
Smooth surfaces	✓			✓	✓	✓
Textured surfaces	●				✓	●
Cable wrap	✓	✓	✓			
Cable flag	✓					

✓ Recommended ● Acceptable

HEAT SHRINK TUBE



Part Number	Width	Recommended cable diameters
HSe-211E	5.2mm	Ø 0.8mm to 3.1mm
HSe-221E	9mm	Ø 1.6mm to 5.4mm
HSe-231E	11.2mm	Ø 2.1mm to 7mm
HSe-251E	21mm	Ø 4.2mm to 13.5mm
HSe-611E	5.2mm	Ø 0.8mm to 3.1mm
HSe-621E	9mm	Ø 1.6mm to 5.4mm
HSe-631E	11.2mm	Ø 2.1mm to 7mm
HSe-651E	21mm	Ø 4.2mm to 13.5mm

Pro Tape range

Pro Tape range are available in various widths, colours and materials. These tapes work with PT-E550WVP label printer and have been tested to ensure their durability for long-lasting and reliable labelling.

| 6mm | 9mm | 12mm | 18mm | 24mm

TZe STRONG ADHESIVE LAMINATED TAPE - 8M LONG

Black on White	TZe-S211	TZe-S221	TZe-S231	TZe-S241	TZe-S251
Black on Clear		TZe-S121	TZe-S131	TZe-S141	TZe-S151
Black on Yellow		TZe-S621	TZe-S631	TZe-S641	TZe-S651
Black on Matt Silver				TZe-SM941	TZe-SM951

TZe FLEXIBLE ID LAMINATED TAPE - 8M LONG

Black on White	TZe-FX211	TZe-FX221	TZe-FX231	TZe-FX241	TZe-FX251
Black on Yellow	TZe-FX611	TZe-FX621	TZe-FX631	TZe-FX641	TZe-FX651

TZe SELF-LAMINATING TAPE - 8M LONG

Black on White					TZe-SL251
Black on Yellow					TZe-SL651

TZe SECURITY LAMINATED TAPE - 8M LONG

Black on White				TZe-SE4	TZe-SE5
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STe STENCIL TAPE - 3M LONG

Black on White				STe-141	STe-151
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| 5.2mm | 9.0mm | 11.2mm | 21mm |

HSe HEAT SHRINK TUBE (SHRINK RATIO: 3:1) - 1.5M LONG

Black on White	HSe-211E	HSe-221E	HSe-231E	HSe-251E
Black on Yellow	HSe-611E	HSe-621E	HSe-631E	HSe-651E



Features and Specifications

PT-E550WVP

Printer features

Display type	16 characters x 3-line backlit graphical LCD with print preview
Interfaces	USB, Wi-Fi and Wireless Direct
Print speed	30mm per second (AC Power adapter) 20mm per second (battery)
Maximum tape width	24mm (TZe), 21mm (HSe)
Maximum print height	18mm
Cutter type	Automatic (full and half cut)
Powered by	BA-E001 Rechargeable Li-ion battery (included) 6 pcs of AA Alkaline / Rechargeable batteries (LR6/HR6 - not included)

Label creation

Dedicated labelling functions	General Faceplate Patch Panel Punch Down Block Cable Wrap Cable Flag Heat Shrink tube Serialization (Automatic number incrementation)
Fonts	14 fonts 10 styles 6 to 48 point size
Maximum lines per label	7, (24mm label width)
Maximum text blocks	99
Symbols	384
Frames	7
Automatic numbering	1 - 99
Number of copies	1 - 99
Vertical text printing	Yes
Rotated text (for cable labelling)	Rotate once Rotate and repeat

PC software main features

Supported operating systems	Windows® 10 / 8.1 / Server 2019 / Server 2016 / Server 2012 R2 / Server 2012 Mac OS® 10.12.x - 10.15.x Mac OS® X 10.7.x - 10.11.x
Cable labelling wizard	Yes, (Windows® only)
Fonts	All installed TrueType fonts
Font styles	12
Image support	JPG, BMP, TIFF, PNG
Frames	153
Barcodes	21 protocols including 1D/2D barcodes

Memory

Maximum characters per label	1,500
Label memory locations	99

Mobile applications

iOS® and Android™	iLink&Label to print cable ID's from Fluke Networks Linkware Live Pro Label Tool Mobile Transfer Express
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Consumables

Tapes / Tubes (Cassette)	TZe tape (3.5, 6, 9, 12, 18, 24mm) HSe Heat Shrink tube (5.2, 9.0, 11.2, 21mm) (Shrink ratio: 3:1)
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Weight and dimension

	Printer dimension: 126mm (W) x 250mm (H) x 94mm (D) Printer weight: 1.05kg
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Contents

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- BA-E001 Rechargeable Li-ion battery
- AD-E001A AC Power adapter
- TZe-S221 9mm Black on White Strong Adhesive tape, (8m long)
- Mini USB cable
- User guide
- Hard carrying case

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