

HEWLETT-PACKARD



Cabling Information

HP Plotters and PaintJet Color Graphics Printer

Product Note

All HP plotters and the HP PaintJet color graphics printer can be used with a variety of HP and non-HP computer systems. However, because different systems require different cables, the appropriate cable(s) must be ordered separately. To find the proper cable to connect

your peripheral to your computer, consult the following tables. Cables schematics and ordering information follow.

Note: Cables from non-HP computer manufacturers are listed for information purposes only. Check with the manufacturer for current model numbers and prices.

Personal Computers

Computer System	Interface	HP ColorPro, 7475A, DraftPro Series, Draft-Master Series Plotters	HP 7550A Plotter	HP PaintJet Series Printers	HP 7600 Series Plotters
HP Vectra PC or other IBM AT compatible with HP 24540 serial/parallel interface card	RS-232-C	HP 24542G	HP 24542H	HP 24542G	HP 24542G
	Centronics Parallel			HP 92219K	HP 92219K
HP Vectra PC or other IBM AT compatible with HP 24541 dual serial interface card using 9-pin connector	RS-232-C	HP 24542G	HP 24542H	HP 24542G	HP 24542G
HP Vectra PC or other IBM AT compatible with HP 24541 dual serial interface card using 25-pin connector	RS-232-C	HP 17255M	HP 17255D	HP 17255M	HP 17255M
HP 150, Touchscreen PCs	RS-232-C	HP 17255M	HP 17255D	HP 17255M	HP 17255M
	HP-IB	HP 10833A/B/C/D	HP 10833 A/B/C/D	HP 10833 A/B/C/D	HP 10833B/C
	Centronics Parallel			HP 13242D	
IBM PC, PC-XT, or PS/2; COMPAQ Portable; AT&T PC 6300; or compatible using 25-pin serial port	RS-232-C	HP 17255D	HP 17255F	HP 17255D	HP 17255D
	Centronics Parallel			HP 92219K	HP 92219K
IBM AT; COMPAQ 286, 386, or Portable II; or compatible using 9-pin serial port	RS-232-C	HP 24542G	HP 24542H	HP 24542G	HP 24542G
	Centronics Parallel			HP 92219K	HP 92219K
Apple® Macintosh™	RS-232-C	HP 92219M	HP 92219M plus HP 92224F	HP 92219M	HP 92219M
Apple® Macintosh™ Plus, SE, or II	RS-232-C	HP 17302A	HP 17302A plus HP 92224F	HP 17302A*	HP 17302A

*Included in the HP Color PrintKit for the Apple® Macintosh™ Computers.

Workstations

Computer System	Interface	HP ColorPro, 7475A, DraftPro Series, DraftMaster Series Plotters	HP 7550A Plotter	HP PaintJet Series Printers	HP 7600 Series Plotters
HP 9000 Series 300, 500, and 800	HP-IB	HP 10833A/B/C/D	HP 10833 A/B/C/D	HP 10833 A/B/C/D	HP 10833B/C
Apollo Workstation with SPE (Serial/Parallel Expansion option and supplied adapter cable)	RS-232-C	HP 17255M	HP 17255D	HP 17255M	HP 17255M
Sun Workstation	RS-232-C	HP 17255M	HP 17255D	HP 17255M	HP 17255M

Large Systems (Direct Connection)

Computer System	Interface	HP ColorPro, 7475A, DraftPro Series Plotters	HP 7550A Plotter	HP DraftMaster Series, HP 7600 Series Plotters
HP 3000 Series 37, 42, 58, 64, 68, 70	RS-422-A		HP 17855A	HP 17855M
	RS-232-C	HP 17355M	HP 17355D	HP 17355M
DEC VAX	RS-232-C	DEC BC22D or BC03M or equivalent plus HP 92224M	DEC BC22D or BC03M or equivalent	DEC BC22D or BC03M or equivalent plus HP 92224M

Eavesdrop Configurations

Computer System	Interface	HP 7475A, DraftPro Series Plotters	HP 7550A Plotter	HP DraftMaster Series Plotters
HP 150 (in terminal mode) connected to an HP 3000	RS-232-C	HP 17355M plus HP 17455A (connect plotter to terminal) and cable from computer* (connects computer to plotter)	HP 17355M (connects plotter to terminal) and cable from computer* (connects computer to plotter)	HP 17355M (connects plotter to terminal) and HP 17355M plus cable from computer* (connect computer to plotter)
DEC VAX	RS-232-C	HP 17455A plus original terminal cable** (connect terminal to plotter) and DEC BC22D or BC03M or equivalent (connects computer to plotter)	Original terminal cable** (connects terminal to plotter) and DEC BC22D or BC03M or equivalent (connects computer to plotter)	Original terminal cable** (connects terminal to plotter) and DEC BC22D or BC03M or equivalent plus HP 17355M (connect computer to plotter)

*On an HP 300 (ATP port) this cable is usually the HP 30152A.

**Dependent on terminal, but the end connected to the plotter must be a male DTE connector.

Cable Schematics

Centronics Parallel Cable		Centronics Parallel Cable	
HP 13242D 2 m (6.6 ft)		HP 92219K 2.7 m (9.0 ft)	
25-pin male	36-pin male	25-pin male	36-pin male
1	→ 13	1	← 1
2	← 12	•	•
3	← 11	•	•
4	← 10	•	•
5	→ 9	14	→ 14
6	→ 8	15	← 32
7	→ 7	16	← 31
8	→ 6	17	← 36
9	→ 5	18	← 19
10	→ 4	19	← 20
11	→ 3	20	← 21
12	→ 2	21	← 22
13	→ 1	22	← 23
14	← 30	23	← 24
15	← 29	24	← 25
16	← 27	25	← 26
17	← 25	26	← 27
18	← 23	27	← 28
19	← 21	28	← 33
20	← 19	29	← 29
		30	← 30

Cable Schematics

<p>RS-232-C Cable</p> <p>HP 17255D/F/M 1.2 m (4.0 ft)</p> <p>25-pin male HP 17255M 25-pin male HP 17255M/D 25-pin female HP 17255D/F 25-pin female HP 17255F</p> <p>1 ← 1 2 → 3 3 ← 2 5 ← 20 6 ← 20 7 → 7 20 → 5 20 → 6</p>	<p>RS-232-C Cable</p> <p>HP 17355D/M 3.0 m (9.9 ft)</p> <p>25-pin male HP 17355M 25-pin male HP 17355M 25-pin female HP 17355D 25-pin male HP 17355D</p> <p>1 ← 1 2 → 2 3 ← 3 4 → 4 5 ← 5 6 ← 6 7 → 7 8 ← 8 9 → 9 19 → 19 20 ← 20</p>	<p>RS-232-C Cable</p> <p>HP 17302A 1.5 m (5.0 ft)</p> <p>8-pin mini DIN 25-pin male</p> <p>2 ← 20 3 → 3 4 ← 7 8 ← 7 5 → 2</p>
<p>RS-232-C Cable</p> <p>HP 17455A 1.0 m (3.3 ft)</p> <p>25-pin male 25-pin female</p> <p>25 ← 25 8 → 8 6 → 6 5 → 5 4 → 4 7 → 7 1 → 1 3 → 3 2 → 2</p> <p>25-pin male 2 3 1 7 14 16</p>	<p>RS-422-A Cable</p> <p>HP 17855A/M 5.0 m (16.7 ft)</p> <p>5-pin male 25-pin female HP 17855A 25-pin male HP 17855M</p> <p>1 ← 7 2 ← 9 4 ← 10 3 → 3 5 → 18</p>	<p>RS-232-C Cable</p> <p>HP 24542G/H 3.0 m (9.9 ft)</p> <p>9-pin female 25-pin male HP 24542G 25-pin female HP 24542H</p> <p>1 ← 4 2 → 2 3 → 3 4 → 5 5 → 6 6 → 7 8 → 20 7 → 8</p>
<p>RS-232-C Cable</p> <p>HP 92219M 1.5 m (5.0 ft)</p> <p>9-pin male 25-pin male</p> <p>1 ← 1 3 → 7 5 → 3 7 → 20 9 → 2</p>	<p>RS-232-C Cable</p> <p>HP 92221P 1.5 m (5.0 ft)</p> <p>9-pin male 25-pin male</p> <p>1 ← 6 2 → 3 3 ← 2 4 → 8 5 ← 8 6 → 20 7 → 7 8 → 4 8 → 5</p>	<p>RS-232-C Gender Converter</p> <p>HP 92224F 0.06 m (0.2 ft)</p> <p>25-pin female HP 92224F 25-pin female HP 92224F 25-pin male HP 92224M 25-pin male HP 92224M</p> <p>1 ← 1 2 → 2 3 → 3 4 → 4 5 ← 5 6 ← 6 7 → 7 8 ← 8 9 → 9 19 → 19 20 ← 20</p>

To Order

Cables are available from your authorized Hewlett-Packard dealer. To locate the dealer nearest you, call:

Within the United States (800) 752-0900
Canada (800) 387-3154
Other countries Contact an authorized HP dealer
or local HP sales office

If your dealer is temporarily out of stock, call HP DIRECT for fast-ship service:

Location	Telephone Number
Australia	(03) 895-2645 (03) 895-2615 (03) 895-2815 (03) 895-2861
Austria	(0222) 2500-614 (0222) 2500-615 (0222) 2500-616
Belgium/Luxembourg	(02) 761 31 11
Canada	
Toronto Local	416-671-8383
Ontario	1-800-387-3417
Quebec	1-800-387-3417
British Columbia	112-800-387-3154
Other Provinces	1-800-387-3154
Denmark	80 30 16 40
Finland	(90) 887 2361
France	(01) 69 86 17 25
Greece	(01) 672 6090
Italy	(02) 9236 9702
Japan	
Sagamihara	0120 091321 (toll-free)
Osaka	06 300 3150
Middle East	
Athens	(01) 682 8811
Norway	(02) 24 60 90
South Africa	
Johannesburg	(011) 802 5111
Cape Town	(021) 537954
Spain	(91) 637 4013 (91) 637 0011
Sweden	(08) 750 2400
Switzerland	(057) 31 24 90
The Netherlands	(020) 06 05 01
United Kingdom	(0734) 441212
United States	800-538-8787
West Germany	(0130) 3322

For areas not yet served by HP DIRECT, contact your local HP sales office.

Ordering Information

Centronics Parallel Cables

HP 13242D
HP 92219K

RS-232-C/CCITT V.24 Cables

HP 17255D/F/M
HP 17302A
HP 17355D/M
HP 17455A
HP 24542G/H
HP 92219M
HP 92221P
HP 92224F
HP 92224M

RS-422-A Cables

HP 17855A/M

HP-IB (IEEE 488-1978) Cables

HP 10833A (1 m)
HP 10833B (2 m)
HP 10833C (4 m)
HP 10833D (0.5 m)

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