

Cabling Information for HP Plotters and HP 7510A Film Recorder



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Most HP plotters are not shipped with an interface cable. Hewlett-Packard graphics plotters (HP ColorPro, 7470A, 7475A, 7550A), drafting plotters (HP DraftPro, 7580B, 7585B, 7586B, DraftMaster I, DraftMaster II) and the HP 7510A film recorder can be used with a variety of HP and non-HP personal computers and computer systems. However, because different configurations often require different interface cables, customers must order the appropriate cable separately.

To find the proper cable to connect your peripheral to your personal computer, check the table below. To determine the proper cable for other configurations (such as connecting your plotter or film recorder to a mainframe computer termi-

nal), consult the tables on Page 2. Cable schematics appear on Page 3. For ordering information, see Page 4.

Standalone Configurations:

In a standalone configuration, the peripheral is connected to its own dedicated computer port. This setup is primarily for personal computers in workstation environments, but also includes peripherals on their own computer port in mainframe environments.

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

Plotter or Film Recorder to Personal Computer, Standalone (RS-232-C)		
Computer System	HP ColorPro, 7470A, 7475A, DraftPro, 7580B, 7585B, 7586B, DraftMaster I, DraftMaster II Plotters	HP 7550A Plotter HP 7510A Film Recorder
HP Series 150, TI Pro, Wang PC, AT&T PC 7300	HP 17255M (1.5 metres) or HP 13242G (5.0 metres)	HP 17255D
HP Vectra PC or other AT-compatible with HP 24540A serial/parallel interface card	HP 24542G	HP 24542H
HP Vectra PC or other AT-compatible with HP 24541A dual serial interface card <i>using 9-pin connector</i>	HP 24542G	HP 24542H
HP Vectra PC or other AT-compatible with HP 24541A dual serial interface card <i>using 25-pin connector</i>	HP 17255M (1.5 metres) or HP 13242G (5.0 metres)	HP 17255D
The HP PORTABLE, Portable PLUS	HP 92221P	HP 92221P and HP 17355F*
IBM PC and PC/XT, Compaq, AT&T PC 6300	HP 17255D	HP 17255F
IBM AT	HP 24542G	HP 24542H
Apple Macintosh	HP 92219M	HP 92219M* and HP 17355F
Apple Macintosh Plus	Apple 699-0372 and HP 92219M	Apple 699-0372 and HP 92219M and HP 17355F
Apple IIe	HP 17355M	HP 17355D
Apple IIc	Apple A9C0308**	HP 17355F* and Apple A9C0308**

*If the combination of these two cables (over 4 m) is too long, order HP 92224F instead of HP 17355F; second cable is still necessary.

**Although you order Apple cable A9C0308, the cable you receive might be labeled 590-0191-A. This is the same cable.

Plotter or Film Recorder to Personal Computer (HP-IB/IEEE-488)	
Computer System	HP ColorPro, 7470A, 7475A, 7510A, 7550A, DraftPro, 7580B, 7585B, 7586B, DraftMaster I, DraftMaster II
The HP Integral PC*	HP 82977A/B
HP Series 150, HP 9000 Series 200, 500	HP 10833A/B or HP 31389A/B or HP 45529A/B

*The cables listed for the HP Series 150 *et al* will also work for The HP Integral PC. However, because of the location of the connectors on these cables, they are not recommended for use with The HP Integral PC.

Plotter or Film Recorder to Mainframe, Standalone (RS-422-A)		
Computer System	HP 7550A and HP 7510A	DraftMaster I and DraftMaster II
HP 3000 Series 37, 42, 48, 58, 64, 68, 70	HP 17855A	HP 17855M

Plotter to Calculator/ Handheld Computer (HP-IL)	
Computer System	HP 7470A only
HP Series 40 Calculator HP Series 70 Handheld Computer	HP 82167A

Eavesdrop Configurations:

In an eavesdrop configuration, the plotter or film recorder is situated between a mainframe computer (i.e., HP 3000, DEC VAX) and a terminal or a personal computer being used as a terminal. Both the terminal and peripheral share the same RS-232-C port from the mainframe computer.

Note: The HP ColorPro plotter does not have eavesdrop capability.

Eavesdrop Configuration (RS-232-C)

Computer System	HP 7470A, 7475A, DraftPro
HP Series 150 (in terminal mode) connected to an HP 3000	HP 13242N (or HP 17355M) and HP 17455A (connects plotter to terminal) and cable from computer* (connects computer to plotter)

Computer System	HP 7580B, 7585B, 7586B, DraftMaster I, DraftMaster II
HP Series 150 (in terminal mode) connected to an HP 3000	HP 13242N (or HP 17355M) (connects plotter to terminal) and HP 17355M** (or HP 13242N) and cable from computer* (connects computer to plotter)

Computer System	HP 7550A, 7510A
HP Series 150 (in terminal mode) connected to an HP 3000	HP 13242N (or HP 17355M) (connects plotter to terminal) and cable from computer* (connects computer to plotter)

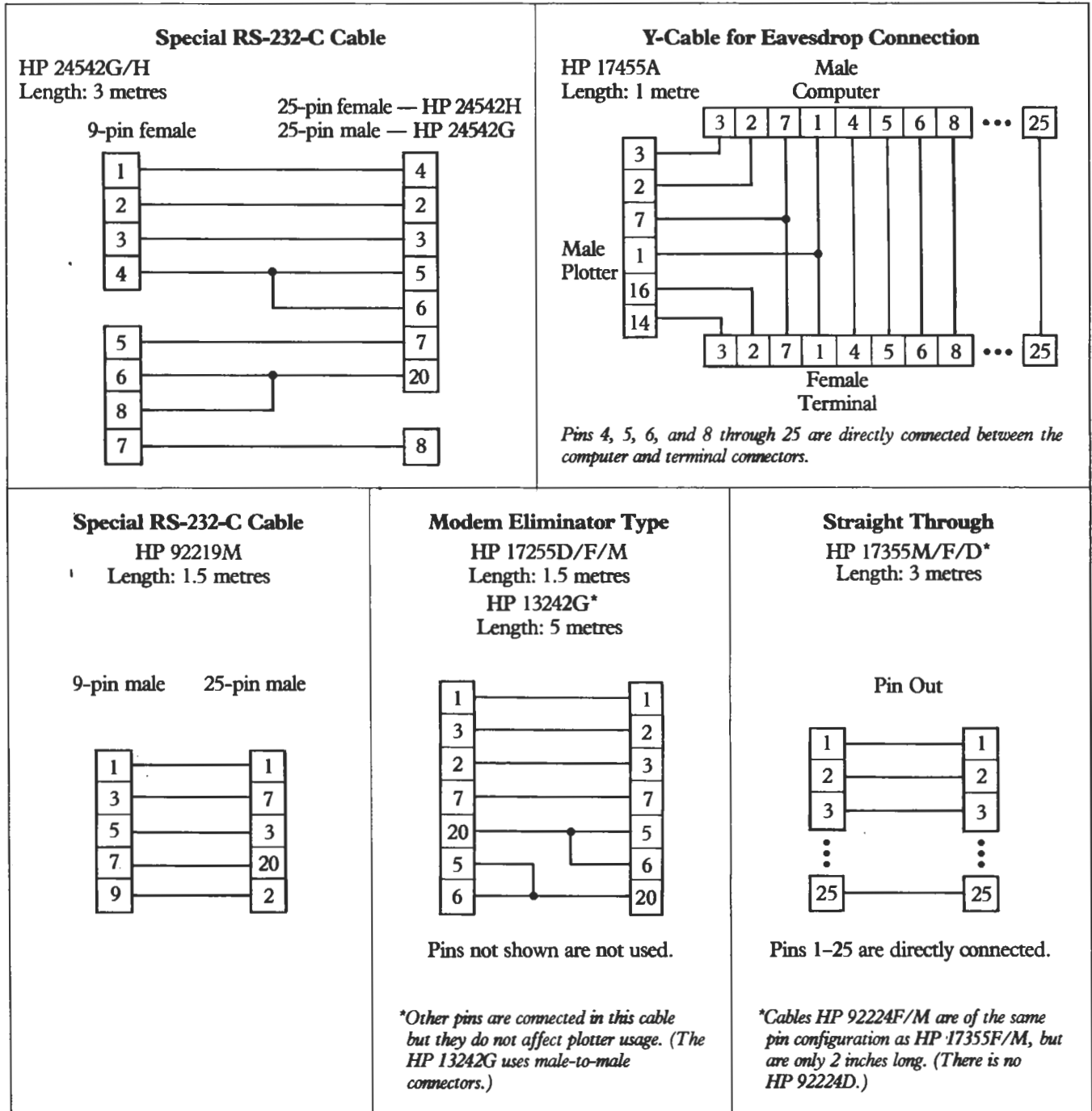
*On an HP 3000 (ATP port) this cable is usually the HP 30152A.
**One HP 17355M cable is supplied with the HP 7580B, 7585B, and 7586B plotter.

Cable Schematics

Connector Types

Part numbers ending in M, F, or D follow this convention:

- M = Male to Male
- F = Female to Female
- D = Male to Female



Ordering Information

RS-232-C/CCITT V.24 Cables	HP-IB (IEEE-488) Cables	RS-422-A Cable	Serial/Parallel Interface Card
HP 13242G HP 17455A	HP 10833A	HP 17855A	HP 24540A
HP 13242N HP 24542G	HP 10833B	HP 17855M	
HP 17255D HP 24542H	HP 45529A		
HP 17255F HP 92219M	HP 45529B		Dual/Serial Interface Card
HP 17255M HP 92221P	HP 82977A	HP-IL Cable	HP 24541A
HP 17355D HP 92224F	HP 82977B	HP 82167A	
HP 17355F HP 92224M			
HP 17355M			

Cables are available from your local dealer or HP Sales Representative. To order cables or to obtain a copy of HP's *Computer Users Catalog* (5953-2450), which includes a complete listing of Hewlett-Packard supplies and accessories, call one of HP's Direct Order telephone numbers:

Austria	(0222) 2500-615 (0222) 2500-616	South Africa	
Belgium/Luxembourg	(02) 761 31 11	Johannesburg	(011) 8025111
Denmark	(02) 816640, Ext. 258	Cape Town	(021) 537954
Finland	(90) 887 2361	Spain	(91) 6374013 (91) 6370011
France	(1) 69 28 32 64	Sweden	(08) 7502400
Greece	(01) 6726090	Switzerland	(057) 31 22 53 (057) 31 22 54 (057) 31 22 59
Italy	(02) 9236 9702	The Netherlands	(020) 547 6606
Japan ¹		United Kingdom	(0734) 697201
Tokyo	(0427) 59 1311	United States	(800) 538 8787
Osaka	(06) 304 6021	California, Alaska, and	(408) 738 4133
Middle East (Athens)	(01) 6828811	Hawaii	
Norway	(02) 24 60 90	West Germany	(0130) 3322

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For more information, call your local HP sales office listed in the telephone directory white pages. Ask for a Personal Computer Representative. Or write to Hewlett-Packard: **U.S.A.** — P.O. Box 10301, Palo Alto, CA 94303-0890. **Europe** — P.O. Box 999, 1180 AZ Amstelveen, The Netherlands. **Canada** — 6877 Goreway Drive, Mississauga, L4V 1M8, Ontario. **Japan** — Yokogawa-Hewlett-Packard Ltd., 3-29-21, Takaido-Higashi, Suginami-ku, Tokyo 168. **Elsewhere** in the world, write to Hewlett-Packard Intercontinental, 3495 Deer Creek Road, Palo Alto, CA 94304.

