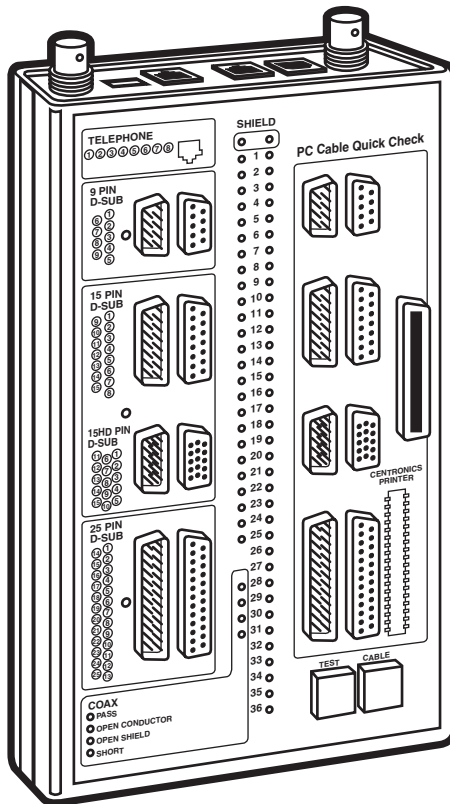


# PC Cable Quick Check



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INFORMATION**

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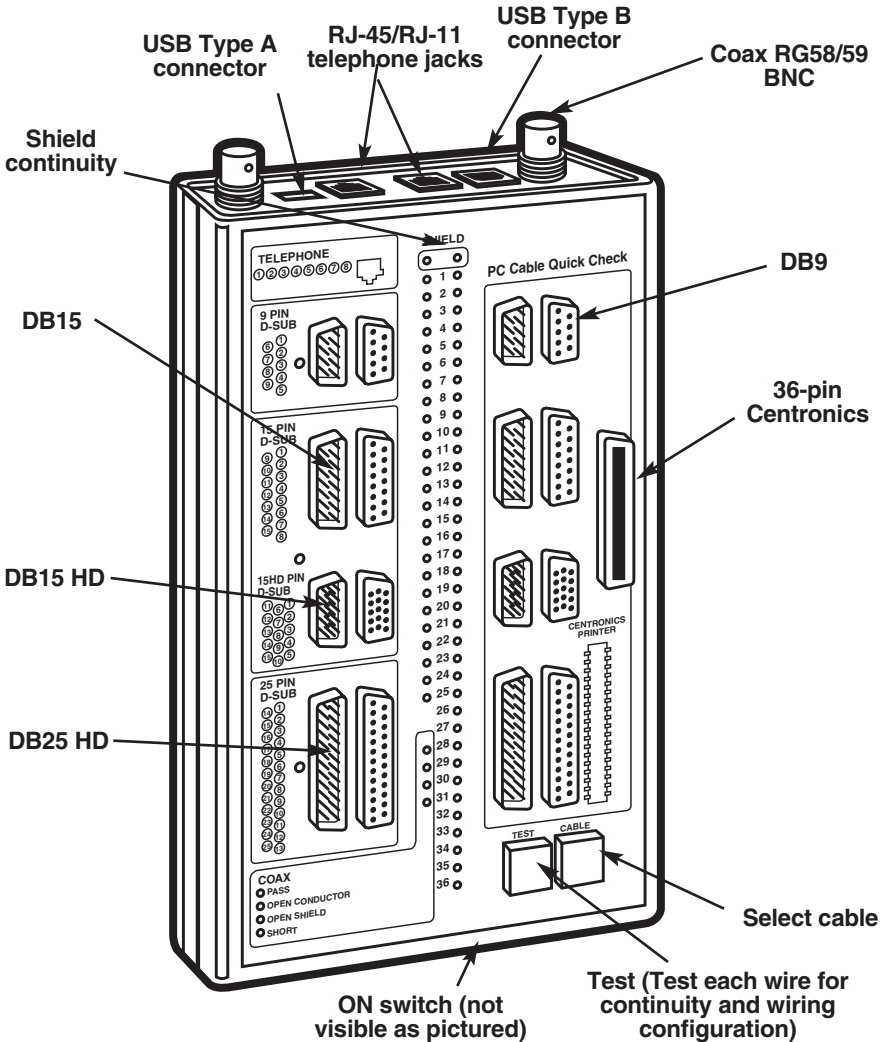
# 1. Specifications

<b>Connectors:</b>	(1) USB Type A, (1) USB Type B, (1) RJ-11/RJ-45 telephone, (1) RG58/59 BNC coax, (2) DB9 male, (2) DB9 female, (2) DB15 male, (2) DB15 female, (2) HD15 male, (2) HD15 female, (2) DB25 male, (2) DB25 female, (1) Centronics® 36 female
<b>Indicators:</b>	(3) LEDs for connector type to test; 67 LEDs for pin ID
<b>MTBF:</b>	60,000 hours
<b>Power Source:</b>	(1) 9-volt battery (included)
<b>Size:</b>	9.6"H x 5.4"W x 1.6"D (24.4 x 13.7 x 4.1 cm)
<b>Weight:</b>	1.8 lb. (0.8 kg)

## 2. Introduction

The PC Cable Quick Check is a universal cable tester that can test any cable with up to 25 conductors. The Quick Check provides a simple check and wiring configuration for any combination of USB Type A, USB Type B, DB9, DB15, DB15 HD, DB25, Centronics 36, and RJ-45 telephone plugs. In addition, RG58 or RG59 BNC can be checked with a simple PASS/FAIL test with full diagnostic evaluation displayed if the cable fails.

Your PC Cable Quick Check should also include a 9-volt battery.



## 3. Operation

1. Make sure the battery has been connected. (Only use a standard 9-volt battery.) Turn on the switch on the bottom of the Quick Check.
2. Connect your cable to the PC Cable Quick Check. The cable's connector with the largest number of pins should be connected to the green input side (except for Centronics printer cables, where the DB25 end should be connected to the input side).
3. Repeatedly press the cable select button until the red indicator selects the connector size connected to the green side.
4. The Quick Check will indicate the shield connected if both red lights are on.
5. Press the TEST button to cycle through each individual connection to test for continuity. When there is a red light on the orange side, it shows the continuity and wiring configuration of the red light on the green side. For some cables there are a number of red lights that will indicate multiple connections. No red light on the orange side means no connection.

### **NOTE**

**The lights will go out if the selection is discontinued to save battery life. To restart, press the TEST button and continue the existing test or start a new test by repeating the procedure.**

6. To test coax RG58/59 BNC cables, connect the cable and read the display in the lower left corner. Either a green PASS light will show, or a red light will indicate a FAIL and supply the reason.
7. Consult your equipment manuals for the correct wiring configuration for your cable, or look in the table that starts on the next page.

This table shows some common cables and their connectors. To find the correct pinning for each cable, look in the “Pinout” column. The number there refers to one of the pinouts that start on page 7.

**Table 3-1. Wiring configuration for standard cable application.**

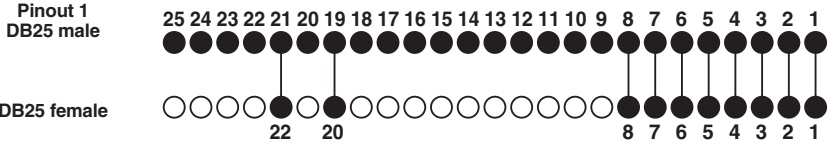
	HDD15 male	HDD15 female	DB9 male	DB9 female	DB15 male	DB15 female	DB25 male	DB25 female	36-pin Centronics	RJ-45	Pinout
Cable for IBM® AT® to HP® LaserJet® and most HP plotters.							♦	♦			1
Cable for IBM AT to HPLaserJet and most HP plotters.				♦			♦				2
Cable for IBM XT™ and PS/2® serial port to HP LaserJet, Plus, II, III, 7475A, and most plotters (except HP 7550).							♦	♦			3
RS-232 null-modem cable.	Any combination						♦	♦			4
Two different configurations for IBM printer cable used with IBM XT, AT, PS/2, and compatibles to standard parallel printers.							♦		♦		5
IBM AT and compatibles to modem cables.				♦			♦				6
Null-modem cable.				♦			♦				7
Star Micronics® DP8340 to IBM AT cable.				♦						♦	8
Star Micronics DP8340 to Wyse® terminal cable.							♦			♦	19
Star Micronics SP312 to IBM AT cable.							♦	♦			20
VGA (PS/2) monitor cable for use with data switches. This cable is used for connecting computers with VGA cards to video data switches (pin #9 is removed).	♦	♦									9

**Table 3-1 (cont.). Wiring configuration for standard cable application.**

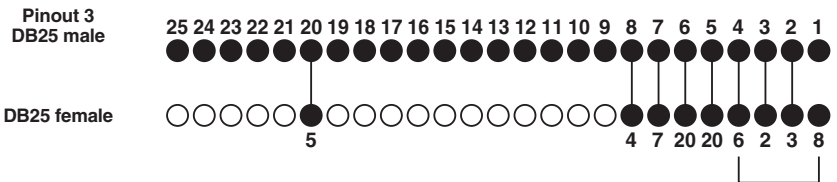
	HDD15 male	HDD15 female	DB9 male	DB9 female	DB15 male	DB15 female	DB25 male	DB25 female	36-pin Centronics	RJ-45	Pinout
Ster Micronics SP312 printer cable, SP312 to Wyse term.							◆ ◆				10
Ster Micronics SP312 to IBM AT printer cable.				◆			◆				11
IBM PS/2 and VGA cards NEC multisync monitor cable. Connects the IBM PS/2 or other VGA cards to NEC multisync monitors.	◆		◆								12
IBM PS/2 and VGA card to Sony* 1302 monitor cable. Connects the IBM PS/2 or other VGA cards to the Sony 1302 and 1303 monitors.	◆		◆								13
Connects IBM PS/2 and VGA cards to Mitsubishi* Diamond Scan and Thompson Ultrascan monitor.	◆						◆				14
Extension cable for standard XT, AT monitors.			◆	◆							15
Standard monitor cable.			◆ ◆								16
Extension cable for VGA/ IBM PS/2 monitors.	◆	◆									17
Cable for connection of parallel ports on two computers.							◆ ◆				18



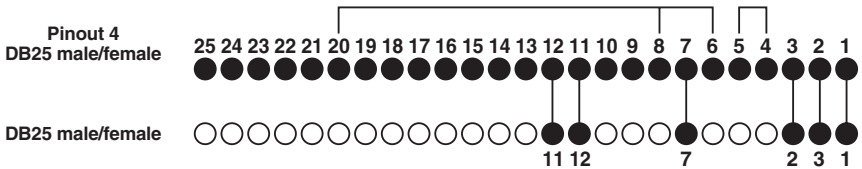
**Standard Pinouts for Common PC Cables**



**Cable for IBM AT to HP LaserJet and most HP plotters.**

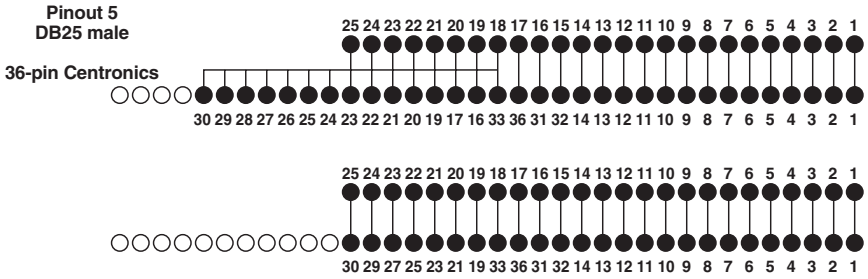


**Cable for IBM XT and PS/2 serial port to HP LaserJet, Plus, II, III, 7475A and most plotters (except HP 7550).**



**RS-232 null-modem cable. As connections are the same, check to make sure cable is not reversed.**

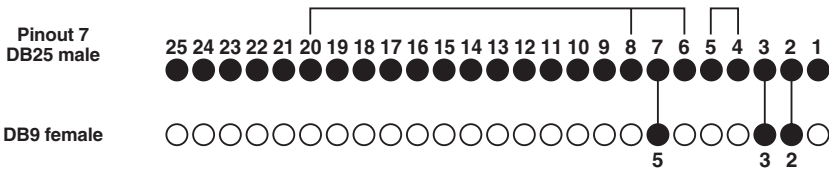
# PC CABLE QUICK CHECK



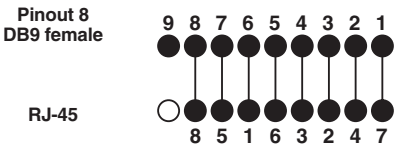
Two different configurations for IBM printer cable used with IBM XT, AT, PS/2 and compatibles to standard parallel printers.



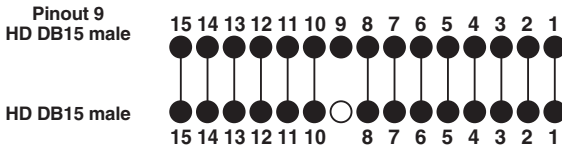
IBM AT and compatibles to modem cables.



Null-modem cable.



Star Micronics DP8340 to IBM AT cable.



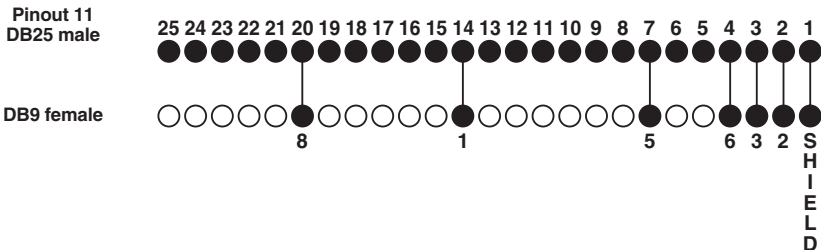
VGA (PS/2) monitor cable for use with data switches. This cable is used for connecting computers with VGA cards to video data switches. Pin #9 is removed. Since the connectors are the same, check to make sure cable is not reversed.

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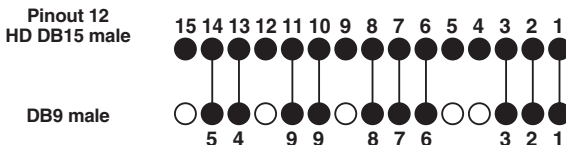
Star Micronics SP312 printer cable, SP312 to Wyse term. Since the connectors are the same, check to make sure cable is not reversed.

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Star Micronics SP312 to IBM AT printer cable.

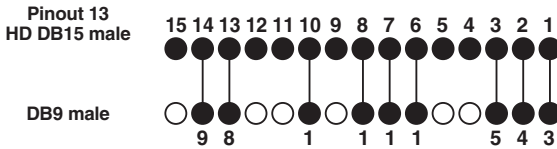
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IBM PS/2 and VGA cards NEC Multisync monitor cable. Connects the IBM PS/2 or other VGA cards to NEC Multisync monitors.

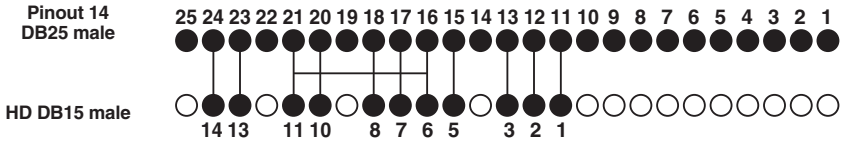
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## PC CABLE QUICK CHECK



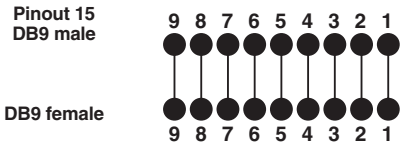
IBM PS/2 and VGA card to Sony 1302 monitor cable. Connects the IBM PS/2 or other VGA cards to the Sony 1302 and 1303 monitors.

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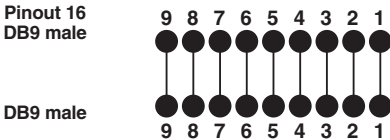
Connects IBM PS/2 and other VGA cards to Mitsubishi Diamond Scan and Thompson Ultrascan monitor.

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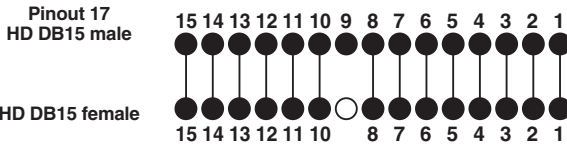


Extension cable for standard XT, AT monitors.

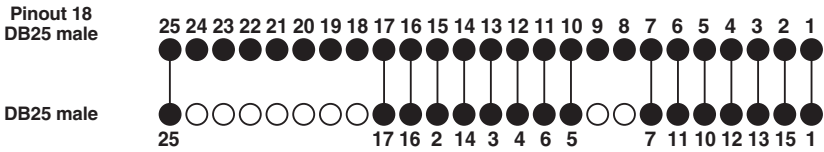
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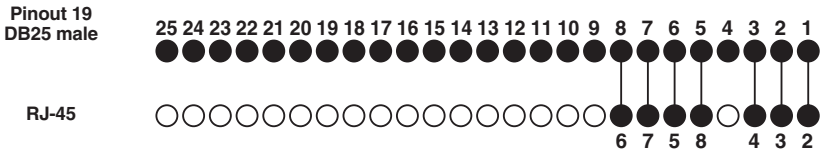
Standard monitor cable.



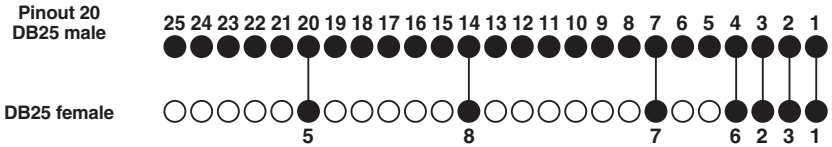
**Extension cable for VGA/IBM PS/2 monitors.**



**Cable for connection of parallel ports on two computers.**



**Star Micronics DP8340 to Wyse terminal cable.**



**Star Micronics SP312 to IBM AT cable.**

**NOTE**

USB Type A to B connectors are pinned straight-through 1-1, 2-2, 3-3, and 4-4.



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