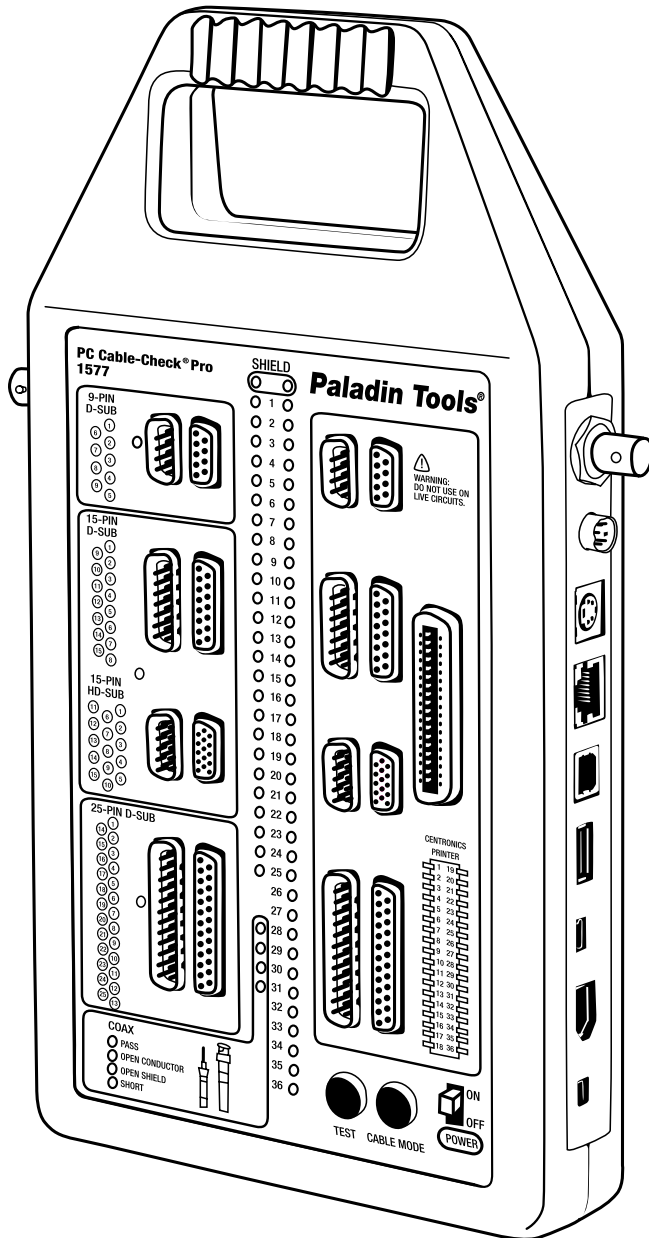


# Paladin Tools® PC Cable-Check® PRO

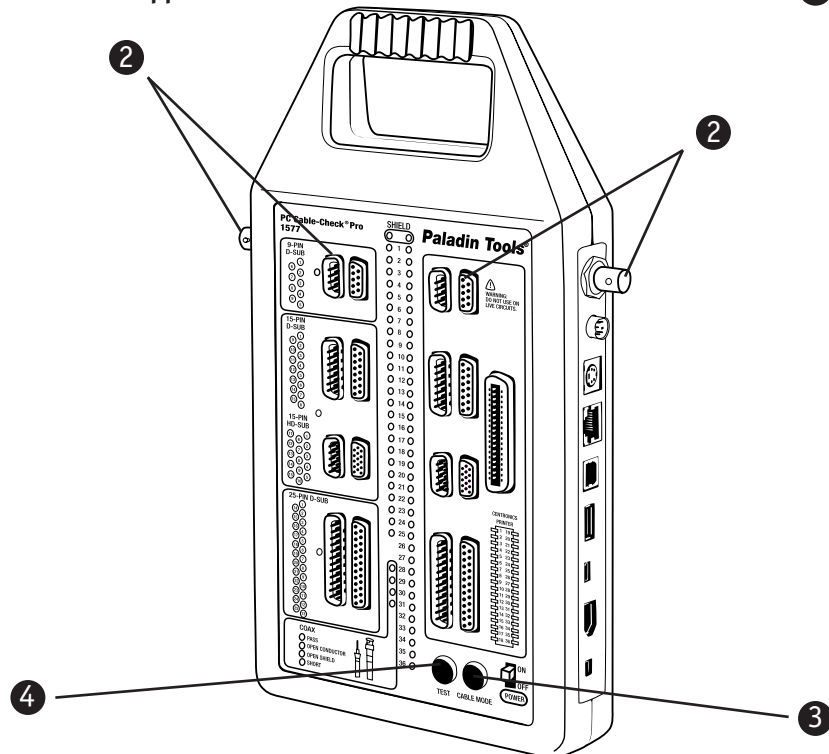


## 1577 Instruction Manual

Continuity & wiring configuration tester

# Information

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PC Cable-Check® **Pro** provides a simple check and wiring configuration for DB9, DB15, DB15 HD, DB 25, Centronics 36, Mini DIN 6 PS/2, Mini DIN 4 S-video, 4-pin & 6-pin 1394 FireWire, USB, Mini USB, RJ11 and shielded and unshielded RJ45 telephone plugs. In addition, RG58 or 59 BNC can be checked with a simple PASS or FAIL test with full diagnostic evaluation displayed if the cable fails.

## Operating instructions:



**Warning:** Do not connect tester to live cables or computer systems!

- 1 Check to see that the battery is installed; switch ON. Use only a standard 9-volt battery. (*Battery compartment is located on back of tester.*)
- 2 Connect your cable to the corresponding connectors on the left- and right-hand sides of the tester.
- 3 Press the CABLE MODE button repeatedly until the red LED indicates the proper connector size is selected.
- 4 To begin testing, press the TEST button and hold it for 5 seconds to begin automatic cycling. If you prefer to use the unit manually, simply step through the testing process by pressing TEST for each pin. *Unit automatically powers off after 30 seconds of non-use.*
- 5 The cable connection scheme is required to confirm the wiring configuration. Standard wiring configurations & cable applications can be found on the subsequent pages or consult your cable manufacturers' manual.
- 6 If you have a custom cable and need to determine the scheme, use a "known good cable" and record the pin-out for your reference.

**7 Note:** Cable configurations are provided for sample reference only.  
Contact the cable manufacturer for specific configuration schemes.

**Standard**

**Cable Applications**

	HDD15 FEMALE HDD15 MALE	DB15 FEMALE DB9 MALE	DB15 FEMALE DB9 MALE	DB15 FEMALE DB9 MALE	DB25 FEMALE DB25 MALE	CENTRONICS 36 DB25 FEMALE	RJ45 (UTP & STP) CENTRONICS 36	USB	DIN 6	DIN 4
Cable for IBM 'AT' to HP Laserjet® & most HP plotters. <i>Version 1</i>							● ●			
Cable for IBM 'AT' to HP Laserjet® & most HP plotters. <i>Version 2</i>				●			●			
Cable for IBM XT & PS/2 serial port to HP Laserjet®, Plus, II, III, 7475A & most plotters except HP 7550. (IBM PCs & compatible)							● ●			
RS232 null modem cable		ANY COMBINATION					● ●			
Two different configurations for IBM printer cable used with IBM 'XT','AT', PS/2 & compatible to standard parallel printers (IBM and PCs & compatible)							●		●	
IBM "AT" & compatible to modem cables				●			●			
Null modem cable				●			●			
Star Micronics DP8340 to IBM 'AT' cable				●					●	
Star Micronics DP8340 to WYSE terminal cable				●			●		●	
Star Micronics SP312 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	●									
PS2										●
S-Video										●

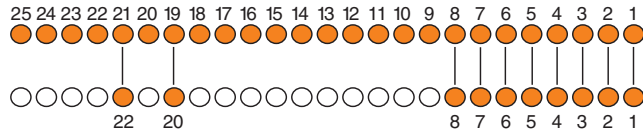
**Standard**

**Cable Applications**

	HDD15 FEMALE HDD15 MALE	DB15 FEMALE DB9 MALE	DB15 FEMALE DB9 MALE	DB15 FEMALE DB9 MALE	DB25 FEMALE DB25 MALE	CENTRONICS 36 DB25 FEMALE	RJ45 (UTP & STP) CENTRONICS 36	USB	1394
Star Micronics SP312 printer cable, SP312 to WYSE terminal cable							● ●		
Star Micronics SP312 to IBM 'AT' printer cable					●		●		
IBM PS/2 & VGA cards NEC Multisync® monitor cable. Connects the IBM PS/2 or other VGA cards to NEC Multisync® monitors (IBM PCs & compatible)		●		●					
IBM PS/2 & VGA card to Sony® 1302 monitor cable. Connects the IBM PS/2 or other VGA cards to the Sony® 1302 & 1303 monitors.		●		●					
Connects IBM PS/2 & VGA cards to Mitsubishi® Diamond Scan® & Thompson Ultrascan® monitor.		●					●		
Extension cable for standard 'XT', 'AT' monitors				● ●					
Standard monitor cable. (IBM PCs & compatible)				● ●					
Extension cable for VGA/IBM, PS/2 monitors		● ●							
Cable for connection of parallel ports on two computers							● ●		
LAN data cables									● ●
USB cables									●
Firewire									●

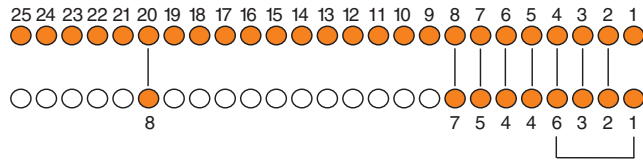
## 8 Wiring Configuration Reference

**DB 25 Male**



**DB 25 Female**

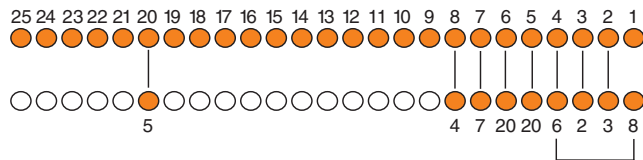
**DB 25 Male**



**DB 9 Female**

Cable for IBM 'AT' to HP Laserjets & most HP plotters.

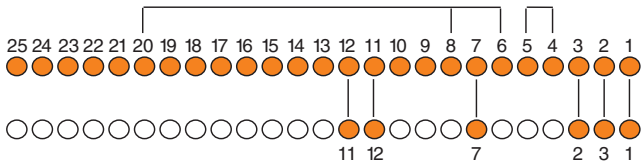
**DB 25 Male**



**DB 25 Female**

Cable for IBM 'XT' & PS/2 Serial port to HP Laserjet, Plus, II, III, 7475A & most plotters except HP 7550. (includes most IBM PCs & compatible regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

**DB 25 Male/Female**

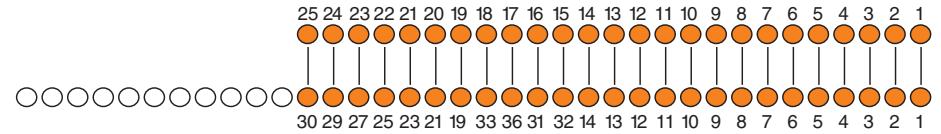
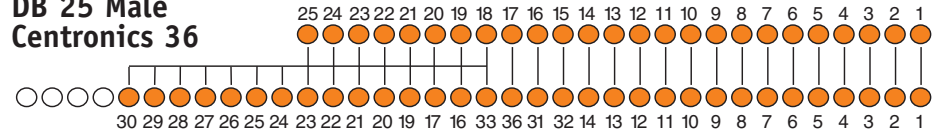


**DB 25 Male/Female**

RS232 Null modem cable.

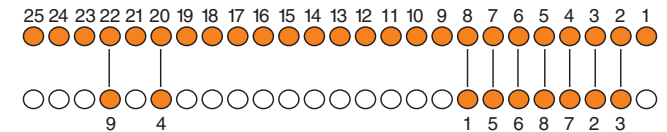
*As connections are the same, check to make sure cable is not reversed.*

**DB 25 Male Centronics 36**



Two different configurations for IBM printer cable user with IBM 'XT', 'AT', PS/2 & compatibles to standard parallel printers. (Includes most IBM PCs & compatible regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

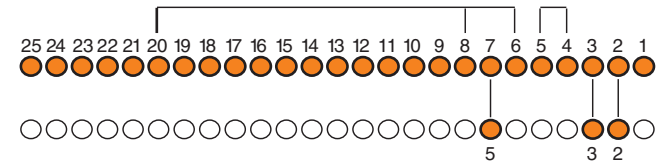
**DB 25 Male**



**DB 9 Female**

IBM 'AT' & compatibles to modem cables.

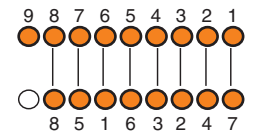
**DB 25 Male**



**DB 9 Female**

Null modem cable.

**DB 9 Female**

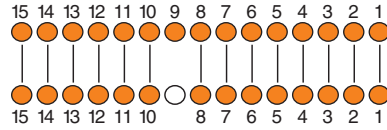


**RJ45**

Star Micronics DP 8340 to IBM 'AT' cable.

## Wiring Configuration Reference

### HDD 15 Male

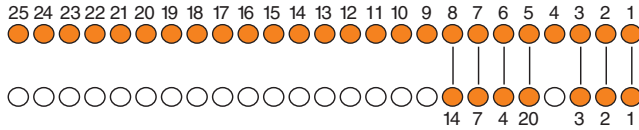


### HDD 15 Male

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. *As connections are the same, check to make sure cable is not reversed.* (Includes most IBM PCs & compatible regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

### DB 25 Male

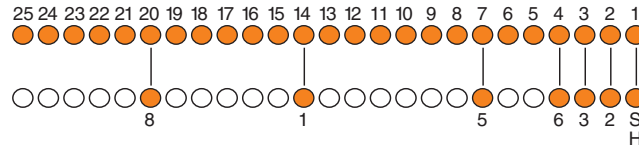


### DB 25 Male

Star Micronics SP 312 printer cable, SP 312 to WYSE term.

*As connections are the same, check to make sure cable is not reversed.*

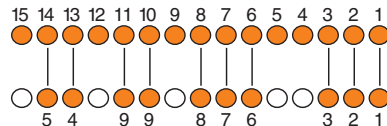
### DB 25 Male



### DB 9 Female

Star Micronics SP 312 to IBM 'AT' printer cable.

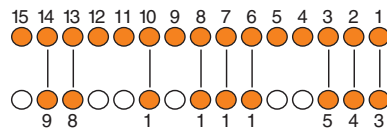
### HDD 15 Male



### DB 9 Male

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

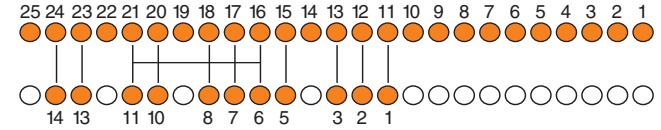
### HDD 15 Male



### DB 9 Male

IBM PS/2 & VGA cards Sony® 1302 monitor cable, connects the IBM PS/2 or other VGA cards to Sony® 1302 & 1303 monitors.

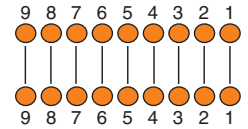
### DB 25 Male



### HDD 15 Male

Connects IBM PS/2 & VGA cards to Mitsubishi® Diamond Scan® & Thompson Ultrascan® monitor.

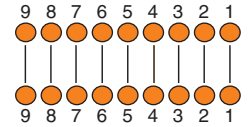
### DB 9 Male



### DB 9 Female

Extension cable for standard 'XT', 'AT' monitors. (Includes most IBM PCs & compatible regardless of processor: 286, 386, 486 Pentium® or Celeron®.)

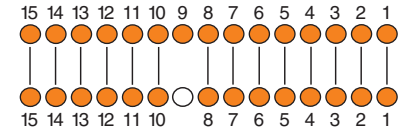
### DB 9 Male



### DB 9 Male

Standard monitor cable. (Includes most IBM PCs & compatible regardless of processor: 286, 386, 486, Pentium® or Celeron®.)

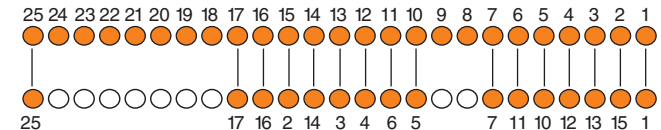
### HDD 15 Male



### HDD 15 Female

Extension cable for VGA/IBM PS/2 monitors.

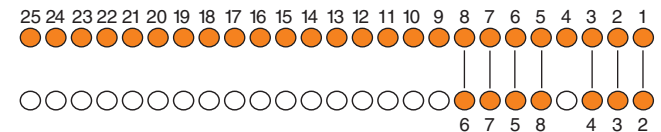
### HDD 15 Male



### HDD 15 Female

Cable for connection of parallel ports on two computers.

### DB 25 Male



### RJ45

Star Micronics DP 8340 to WYSE terminal cable.

# Wiring Configuration Reference

**DB 25 Male**

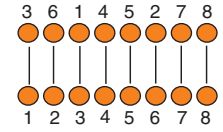


**DB 25 Female**



Star Micronics SP 312 to IBM 'AT' cable.

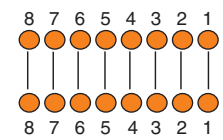
**RJ45**



**RJ45**

10Base-T/100 Base-T crossover cable.

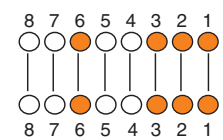
**RJ45**



**RJ45**

Systemax® SCS Category 5 data cables (UTP).

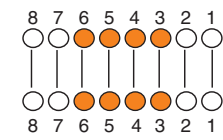
**RJ45**



**RJ45**

10Base-T data cables (UTP).

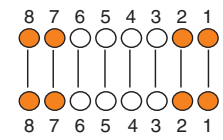
**RJ45**



**RJ45**

Token Ring data cables (UTP).

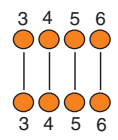
**RJ45**



**RJ45**

ISDN data cables (UTP).

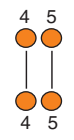
**RJ11**



**RJ11**

4-pin Telephone cable.

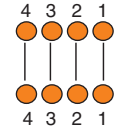
**RJ11**



**RJ11**

2-pin Telephone cable.

**USB-A**

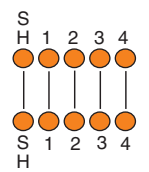


**USB-B**



Standard USB Cables.

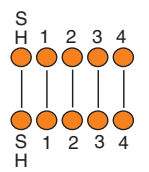
**USB-A**



**USB-A**

Serial Bus Cable.

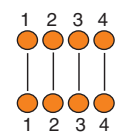
**USB-B**



**USB-B**

USB polarized cables.

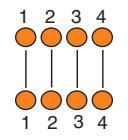
**USB-A**



**Mini USB-B**

Serial Bus Cable

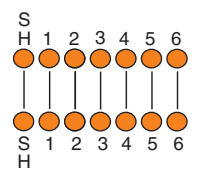
**4-pin DIN**



**4-pin DIN**

S-Video Cable

**6-pin DIN**



**6-pin DIN**

PS2 Mouse Extension Cable

### 1394 4-pin

### 1394 4-pin

Firewire Cable



### 1394 6-pin

### 1394 4-pin

Firewire Cable Type 1



### 1394 6-pin

### 1394 4-pin

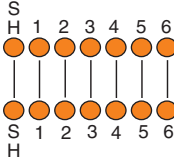
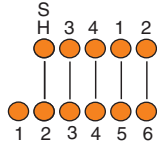
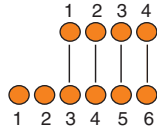
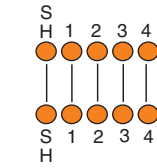
Firewire Cable Type 2



### 1394 6-pin

### 1394 6-pin

Firewire Cable



9

## Warranty Information

**Limited Warranty:** connectool Inc. warrants the Purchaser that the product purchased will be of merchantable quality and free from defects of material and workmanship, under normal use and service for a minimum of one year from the date of purchase to the initial user, or as stated on the packaging. connectool will not be liable for any modification of its products by the Purchaser or Purchaser's agent. Such modifications void the warranty.

Satisfaction of this warranty will be limited to, at connectool's discretion: (a) the repair or modification of the product by connectool, (b) the replacement of the product by connectool, or (c) issuance of a credit memo to the Purchaser for the defective product delivered under the order involved. This warranty ceases to be effective if connectool's examination of the product discloses that the defect was due to misuse, improper maintenance, alteration, modification, accident or unusual degradation of equipment parts due to physical environments in excess of its intended limits.

There are no warranties which extend beyond the description herein . This warranty is in lieu of all other warranties whether express, implied, or statutory including implied warranties of merchantability of fitness for a particular purpose. Purchaser acknowledges they are not relying on connectool's skill or judgement to select or furnish goods suitable for any connector for any particular purpose. This warranty extends only to the Purchaser from connectool or its authorized distributor. connectool may refuse any item returned for reasons other than those covered by connectool's Limited Warranty. All warranty returns require a Return Material Authorization (RMA) number or Return Goods Authorization (RGA) number to be returned.

10

## Technical Support

**Paladin Tools®**

connectool Inc., Virginia-USA

Support: **800.272.8665**

**001.804.550.1121**

Web: **www.paladin-tools.com**

Fax: **800.272.5257**

**001.804.550.0610**

Email: **paladin@paladin-tools.com**

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- Strippers
- Slitters
- Crimpers
- Interchangeable die sets
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- Tool kits
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Fax: **800.272.5257**

Int'l: **001.804.550.0610**

Email: **[paladin@paladin-tools.com](mailto:paladin@paladin-tools.com)**