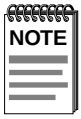
RJ45 CONSOLE CABLE KIT INSTRUCTION SHEET



The procedures in this instruction sheet supersede those provided in the user's and local management guides for the connection of a local management station to your module.

This instruction sheet describes how to use the RJ45 Console Cable Kit and **optional** adapters to connect a PC, a VT series terminal, or a modem to a Digital MultiSwitch 700 module to access Local Management.

The RJ45 Console Cable Kit includes the following items.

- One ten foot length of unshielded twisted pair (UTP) cable terminated with RJ45 connectors on both ends
- One RJ45-to-DB9 female adapter

If any discrepancies exist, refer to the last page of this instruction sheet.

The RJ45 Console Cable Kit provides the cable and RJ45-to-DB9 adapter that enables you to connect Digital MultiSwitch 700 products equipped with a RJ45 console port to an IBM[1] or compatible PC running a VT series emulation software package.

With the cable supplied in this kit and an **optional** RJ45-to-DB25 female adapter (PN 9372110), you can connect Digital MultiSwitch 700 products equipped with an RJ45 console port to a VT[2] series terminal or VT type terminals running emulation programs for the VT series.

With the cable supplied in this kit and an **optional** RJ45-to-DB25 male adapter (PN 9372112), you can connect Digital MultiSwitch 700 products equipped with an RJ45 console port to a Hayes[3] compatible modem that supports 9600 baud.

This instruction sheet also provides the pinout assignments of the adapters.

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1. IBM is a trademark of International Business Machine Corporation.
2. VT is a trademark of Digital Equipment Corporation.
3. Hayes is a trademark of Hayes Microcomputer Products, Inc.

CONNECTING TO AN IBM OR COMPATIBLE DEVICE

To connect an IBM PC or compatible device, running the VT terminal emulation, to a Digital module Console port (Figure 1), proceed as follows:

1. Connect the RJ45 connector at one end of the cable (supplied in the kit) to the Console port on the Digital module.
2. Plug the RJ45 connector at the other end of the cable into the RJ45-to-DB9 adapter (supplied in the kit).
3. Connect the RJ45-to-DB9 adapter to the communications port on the PC.
4. Turn on the PC and configure your VT emulation package with the following parameters:

Parameter	Setting
Mode	7 Bit Control
Transmit	Transmit=9600
Bits Parity	8 Bits, No Parity
Stop Bit	1 Stop Bit

5. When these parameters are set, the Local Management password screen will appear. Refer to the appropriate Digital Local Management manual for further information.

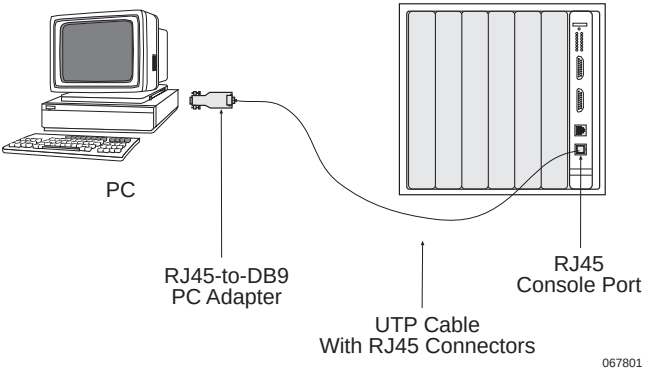


Figure 1 Connecting an IBM PC or Compatible

CONNECTING TO A VT SERIES TERMINAL

To connect a VT Series terminal to a Digital module Console port (Figure 2), use the cable supplied in the kit and an **optional** RJ45-to-DB25 female adapter (PN 9372110), and proceed as follows:

1. Connect the RJ45 connector at one end of the cable to the Console port on the Digital module.
2. Plug the RJ45 connector at the other end of the cable into the RJ45-to-DB25 female adapter.
3. Connect the RJ45-to-DB25 adapter to the port labeled COMM on the VT terminal.
4. Turn on the terminal and access the Setup Directory. Set the following parameters on your terminal:

Parameter	Setting
Mode	7 Bit Control
Transmit	Transmit=9600
Bits Parity	8 Bits, No Parity
Stop Bit	1 Stop Bit

When these parameters are set, the Local Management password screen will appear. Refer to the appropriate Digital Local Management manual for further information.

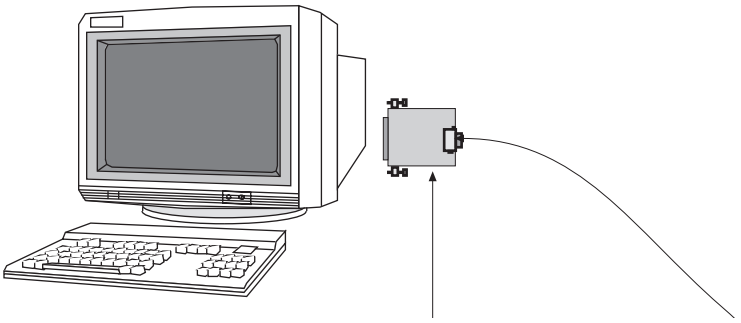


Figure 2 Connecting a VT Series Terminal

CONNECTING TO A MODEM

To connect a modem to a Digital module Modem port (Figure 3), use the cable supplied in the kit and an **optional** RJ45-to-DB25 male adapter (PN 9372112), and proceed as follows:

1. Connect the RJ45 connector at one end of the cable to the Modem port on the Digital module.
2. Plug the RJ45 connector at the other end of the cable into the RJ45-to-DB25 male adapter.
3. Connect the RJ45-to-DB25 adapter to the communications port on the Modem.
4. Turn on the modem and configure your VT emulation package with the following parameters:

Parameter	Setting
Mode	7 Bit Control
Transmit	Transmit=9600
Bits Parity	8 Bits, No Parity
Stop Bit	1 Stop Bit

5. When these parameters are set, the Local Management password screen will appear. Refer to the appropriate Digital Local Management manual for further information.

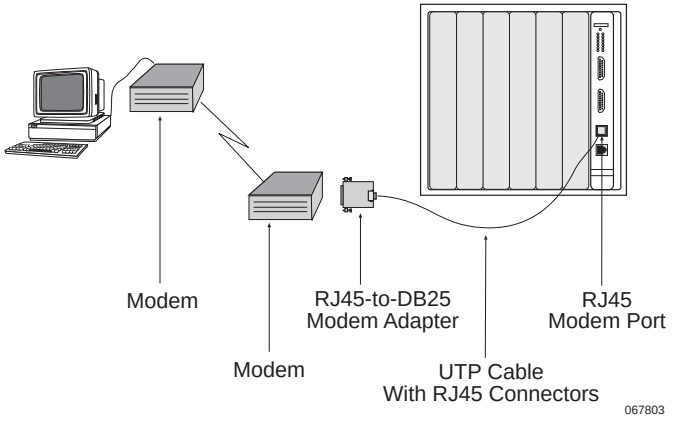
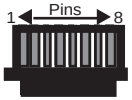


Figure 3 Connecting to a Modem

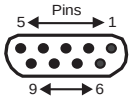
ADAPTER WIRING AND SIGNAL ASSIGNMENTS

Console Port Adapter Wiring and Signal Diagram			
RJ45		**DB9**	
Pin	Conductor	Pin	Signal
1	Blue	2	Receive (RX)
4	Red	3	Transmit (TX)
5	Green	5	Ground (GRD)
2	Orange	7	Request to Send (RTS)
6	Yellow	8	Clear to Send (CTS)



RJ45 Connector (Female)

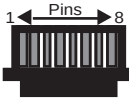
045905



DB9 Connector (Female)

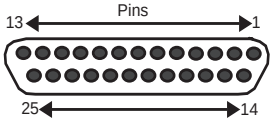
045904

VT Series Port Adapter Wiring and Signal Diagram			
RJ45		**DB25**	
Pin	Conductor	Pin	Signal
4	Red	2	Transmit (TX)
1	Blue	3	Receive (RX)
6	Yellow	5	Clear to Send (CTS)
5	Green	7	Ground (GRD)
2	Orange	20	Data Terminal Ready



RJ45 Connector (Female)

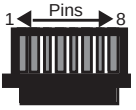
045905



DB25 Connector (Female)

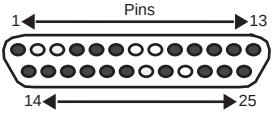
045906

Modem Port Adapter Wiring and Signal Diagram			
RJ45		**DB25**	
Pin	Conductor	Pin	Signal
1	Blue	2	Transmit (TX)
2	Orange	8	Data Carrier Detect (DCD)
4	Red	3	Receive
5	Green	7	Ground (GRD)
6	Yellow	20	Data Terminal Ready (DTR)
8	Gray	22	Ring Indicator



RJ45 Connector (Female)

045905



DB25 Connector (Male)

045907

CORRESPONDENCE

Documentation Comments

If you have comments or suggestions about this manual, send them to DIGITAL Network Products:

Attn.:	Documentation Project Manager
E-MAIL:	doc_quality@lkg.mts.dec.com

World Wide Web

To locate product-specific information, refer to the DIGITAL Network products Home Page on the World Wide Web at the following locations:

North America:	http://www.networks.digital.com
Europe:	http://www.networks.europe.digital.com
Asia Pacific:	http://www.networks.digital.com.au

GETTING HELP

Contact your DIGITAL representative for technical support. Before calling, have the following information ready:

- A description of the failure
- A description of any action(s) already taken to resolve the problem (e.g., changing mode switches, rebooting the unit, etc.)
- A description of your network environment (layout, cable type, etc.)
- Network load and frame size at the time of trouble (if known)
- The device history (i.e., have you returned the device before, is this a recurring problem, etc.)

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