

IBM Cabling Instructions for the Server 270

1. Connect Twinaxial Cable

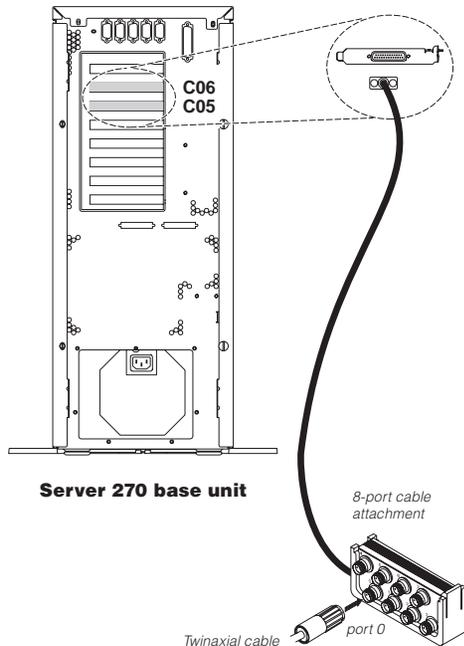
DANGER: To prevent a possible electrical shock when adding or removing any devices to or from the system, ensure that the power cords for those devices are unplugged before the signal cables are connected or disconnected. If possible, disconnect all power cords from the existing system before you add or remove a device. (RSFTD203)

- Lift the back cover to remove it from the AS/400e system.
- Look at card positions C06 and C05 on the back of the AS/400e system. Locate the position that contains card 4746 . This is your Twinaxial adapter card. If both positions contain card 4746, then select the card in position C06.
- Locate the part number (PN 21F5093) on the label attached to the cable. Connect the 8-Port Twinaxial attachment cable (PN 21F5093) to the connector on Twinaxial card on the back of the AS/400e system.
- At the other end of the 8-port Twinaxial attachment cable (PN 21F5093) is an eight-port cable attachment. Connect the Twinaxial cable to your console and to port 0 on the 8-port cable attachment.

Note: You must supply this Twinaxial cable.

- Go to **2. Connect Electronic Customer Support Cable (Optional)**

8-port Twinaxial attachment cable (PN 21F5093) to the connector in position C06 or C05



2. Connect Electronic Customer Support Cable (Optional)

DANGER: To prevent a possible electrical shock during an electrical storm, do not connect or disconnect cables or station protectors for communications lines, display stations, printers, or telephones. (RSTD003)

Do you have an Electronic Customer Support Cable (Optional)?

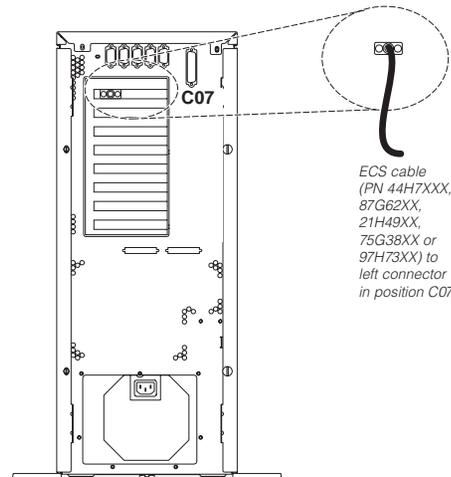
Yes No

- Go to **3. Connect the AS/400e Power Cord**

- Connect the Electronic Customer Support cable (PN 44H7XXX, 87G62XX, 21H49XX, 75G38XX or 97H73XX) to the left connector in position C07 on the back of the AS/400e system.
- Connect the other end of the Electronic Customer Support cable (PN 44H7XXX, 87G62XX, 21H49XX, 75G38XX or 97H73XX) to an external modem. Use a telephone cable to connect the line jack on the modem to the telephone jack. *You must have an analog line.*

- Go to **3. Connect the AS/400e Power Cord**

Note: If your modem is not an IBM 7852 Model 400 modem, ensure that it has synchronous dialing, and is set for HDLC protocol (with ASCII).



3. Connect the AS/400e Power Cord

DANGER: An electrical outlet that is not correctly wired could place hazardous voltage on metal parts of the system or the products that attach to the system. It is the customer's responsibility to ensure that the outlet is correctly wired and grounded to prevent an electrical shock. (RSFTD201)

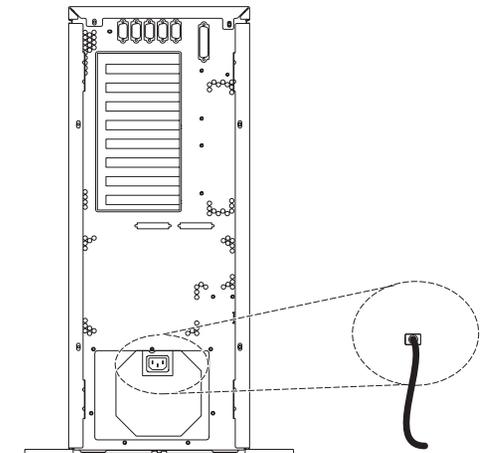
Note: If you have a 4758 PCI Cryptographic Coprocessor for AS/400 to install, go to the instructions that came with the card. This card was shipped in a separate box. Return to the poster after card installation.

Are you installing an Uninterruptible Power Supply?

Yes No

- Connect the power cord (PN 75G2695) to the AS/400e system.
- Do not plug the power cord into the power outlet. **Do not power on your AS/400e system.**

- Go to **4. Connect External Cables (Optional)**



- Go to the documentation that came with the Uninterruptible Power Supply device and follow the instructions to complete the installation.
- Do not plug the Uninterruptible Power Supply power cord into the outlet and **do not power on your AS/400e system.**

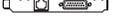
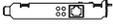
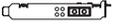
- Go to **4. Connect External Cables (Optional)**

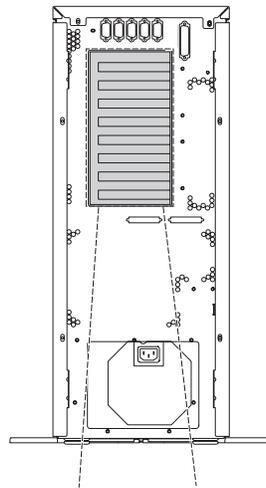
4. Connect External Cables (Optional)

Do you have external cables to connect to adapter cards on the back of your AS/400e system?

Yes No
Go to **5. Power on your AS/400e System**

- Use this table to connect the cable(s) to the matching adapter card(s) on the back of your AS/400e system. You may need to connect more than one cable.
NOTE: If the cable did not come with your system, then you will have to supply it.

Cables AS/400 connector end and part number/type	Adapter cards (located on the back of the system)
Two-line WAN One of the following part numbers: 44H7XXX or 97H73XX 	4745 Two-line WAN Input/Output Adapter 
Twinaxial 21F5093 	4746 Twinaxial Workstation Input/Output Adapter 
Ethernet RJ45 Ethernet Filter P75G5958 or 75G2865 Ethernet cable 	4743 Ethernet Input/Output Adapter 
Token-Ring RJ45 Token-Ring Filter P75G5958 or 75G2865 6339098 	2744 Token-Ring Input/Output Adapter 
Asynchronous Transfer Mode Unshielded Twisted Pair 	4815 Asynchronous Transfer Mode 
Asynchronous Transfer Mode Card 4816: Multi-Mode Fiber (MMF) 625 micron interface Card 4818: Single-Mode Fiber (SMF) 9 micron interface 	4816/4818 Asynchronous Transfer Mode 
Ethernet RJ45 Ethernet 	4838 Ethernet Input/Output Adapter 
Integrated Modem 87G62XX, 21H49XX or 75G38XX 	4761 Integrated Modem 
Integrated Services Digital Network (ISDN) BRI U Card 97H7699 	4750 Integrated Services Digital Network 
Integrated Services Digital Network (ISDN) BRI S/T Card 97H7699 	4751 Integrated Services Digital Network 
Two-line WAN 44H7XXX, 97H73XX or 44H750X 	2771 Base PCI Two-line WAN with Modem 
Integrated Modem 87G62XX, 21H49XX or 75G38XX 	



location of adapter cards



AS/400e



Cabling Your Server 270

1. Connect the Twinaxial Cable
Note: You must supply the Twinaxial Cable.

2. Connect the Electronic Customer Support Cable (Optional)

3. Connect the AS/400e Power Cord

4. Connect the External Cables (Optional)
Note: If these did not come with your system, then you will have to supply them.

5. Power on your AS/400e system

This poster provides you with the instructions you need to cable your AS/400e system.

If you ordered cables that did not come with your system, contact one of the following:

- Your authorized dealer
- Rochester Manufacturing Automated Information Line
 - 1-800-300-8751 (United States)
 - 1-507-253-5242 (worldwide)

Note: This poster does not include instructions on how to change the system's mode. If you need these instructions, please refer to the *Setting Up Your Twinaxial Systems (SA41-5147)* book on the *AS/400 Installation and Service Library CD*.



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Fax comments to:
1-800-937-3430 (U.S. or Canada)
1-507-253-9192 (outside the U.S. or Canada)

Internet URL:
<http://www.as400.ibm.com>

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5. Power on your AS/400e System

- Plug in and power on PC.
- Plug in your AS/400e system or Uninterruptable Power Supply.
- Open the control panel door on the front of the system. The control panel should be lit and display 01 BN F. The system is not yet powered on.
Note: If 01 BN F is not on the display, you may need to change the mode. See the poster's front cover for this information.
- Press the white button. There is a short delay until the system starts to power on. It will take 5-20 minutes. 01 BN F will appear on the control panel when the system is powered on.
Note: If this display does not reappear, please refer to *Basic System Operations Administration and Problem Handling (SC41-5206)* on the *AS/400 Installation and Service Library CD*.
- Replace the back cover on the AS/400e system.
- Congratulations. You have cabled your AS/400e system.

6. Go to the AS/400 Installation and Service Library CD and locate the Setting Up Your Twinaxial Systems (SA41-5147) to continue with set up.

SA41-5104-00



04/19/00

