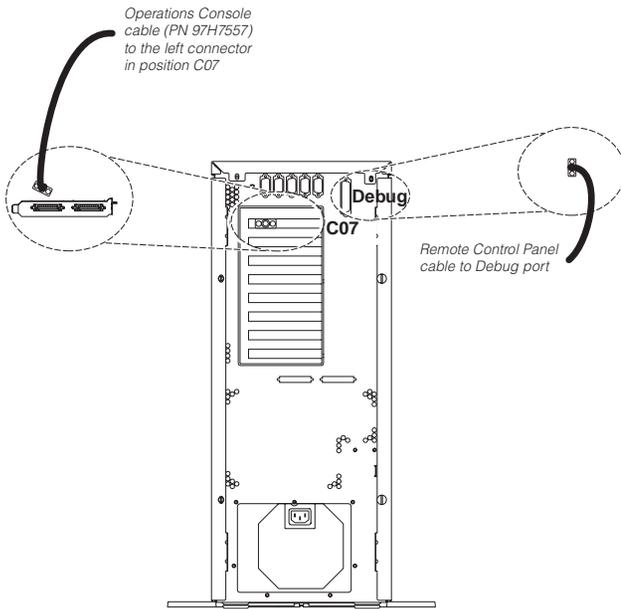# IBM Cabling Instructions for the Server 270

1. Connect Operations Console Cable and (Optional) Remote Control Panel 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)

1. Power off and unplug the PC.
2. Lift the back cover to remove it from the AS/400e system.
3. Locate the part number (PN 97H7557) on the label attached to the cable. Connect the Operations Console cable (PN 97H7557) to the left connector in position C07 on the back of the AS/400e system.
4. Connect the other end of the Operations Console cable (PN 97H7557) to the first or only communications (com/serial) port on the back of the PC.
5. Connect the (optional) Remote Control Panel cable to the Debug port on the back of the AS/400e system.
6. Connect the other end of the Remote Control Panel cable to the parallel port on the back of the PC. Use the adapter (PN 46G0298) if needed, to attach cable to PC.
7. Go to **2. Connect Electronic Customer Support Cable (Optional)**

Operations Console cable (PN 97H7557) to the left connector in position C07

Debug

C07

Remote Control Panel cable to Debug port

Server 270 base unit

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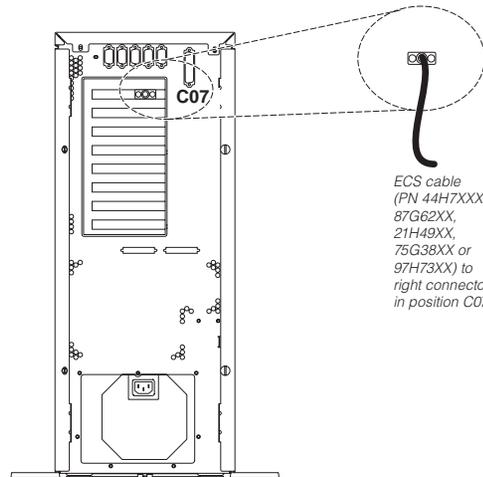
Do you have an Electronic Customer Support Cable (Optional)?

Yes No

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

1. Connect the Electronic Customer Support cable (PN 44H7XXX, 87G62XX, 21H49XX, 75G38XX or 97H73XX) to the right connector in position C07 on the back of the AS/400e system.

2. 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.*

3. 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).

C07

ECS cable (PN 44H7XXX, 87G62XX, 21H49XX, 75G38XX or 97H73XX) to right connector in position C07
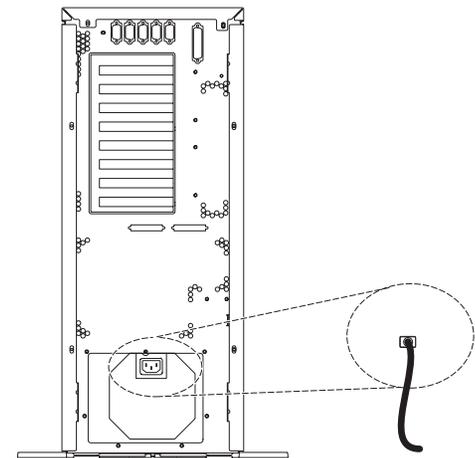
3. Connect the AS/400e Power Cord

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

1. Connect the power cord (PN 75G2695) to the AS/400e system.
2. Do not plug the power cord into the power outlet. **Do not power on your AS/400e system.**
3. Go to **4. Connect External Cables (Optional)**

1. Go to the documentation that came with the Uninterruptable Power Supply device and follow the instructions to complete the installation.
2. Do not plug the Uninterruptable Power Supply power cord into the outlet and **do not power on your AS/400e system.**
3. Go to **4. Connect External Cables (Optional)**

Over for more cabling instructions.

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**

1. 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.
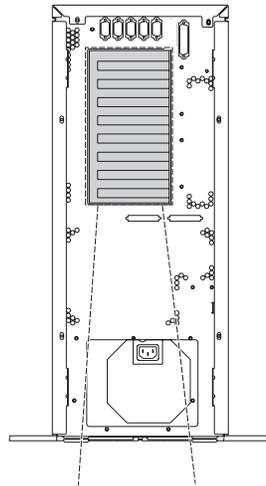   **NOTE:** If the cable did not come with your system, then you will have to supply it.

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 75G5958 or 75G2865 Ethernet cable	4723/2743 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) 62.5 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

2. Connect the other end of the external cable(s) to a network or device.
3. Go to **5. Power on your AS/400e System**

5. Power on your AS/400e System

1. Plug in and power on PC.
2. Plug in your AS/400e system or Uninterruptable Power Supply.
3. Open the control panel door on the front of the system. The control panel should be lit and display 01 B N F. The system is not yet powered on.
   Note: If 01 B N F is not on the display, you may need to change the mode. See the poster's front cover for this information.
4. Press the white button. There is a short delay until the system starts to power on. It will take 5-20 minutes. 01 B N 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.
5. Replace the back cover on the AS/400e system.
6. Congratulations. You have cabled your AS/400e system.

6. Place the EZ-Setup CD in your PC's CD-ROM drive and select EZ-Setup

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Cabling Your Server 270

IBM

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

1. **Connect the Operations Console Cable and (Optional) Remote Control Panel 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**

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, see **www.as400.ibm.com/infocenter** and follow the links: System Administration, Availability, and Maintenance>System Hardware and Setup>System Control Panel.

IBM