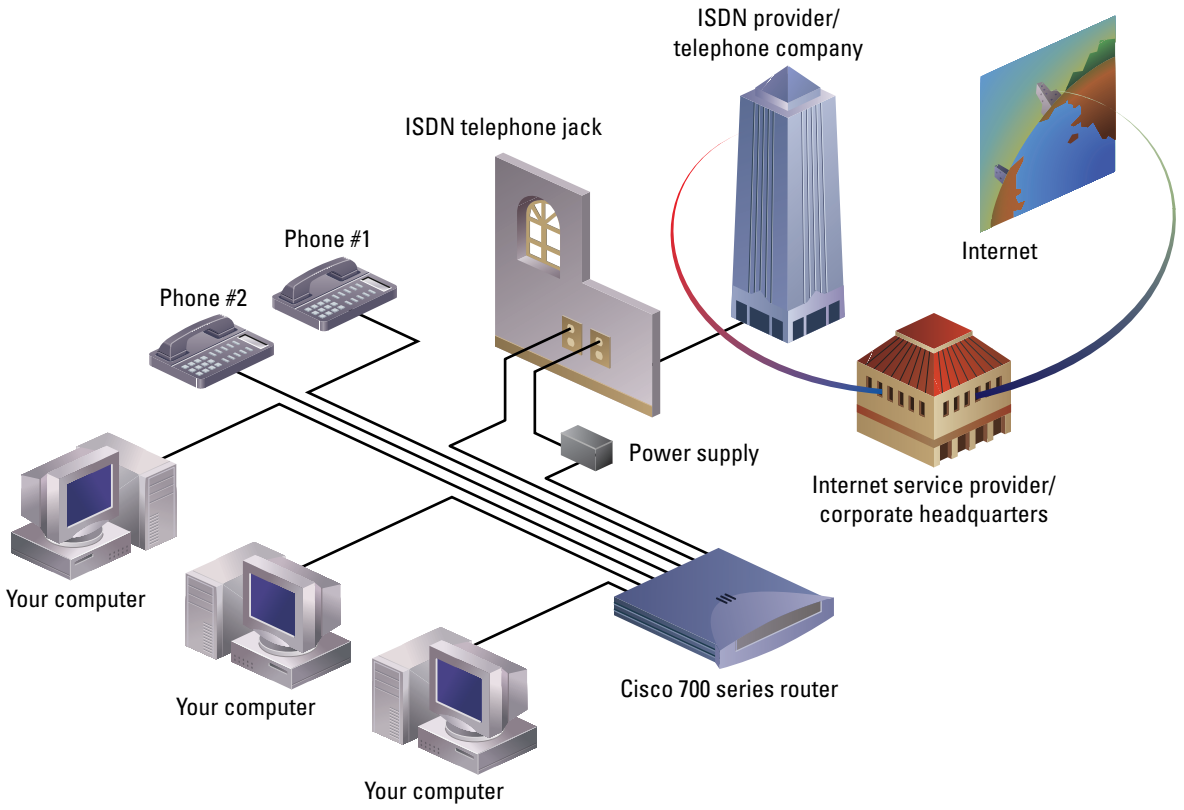
Quick Start Guide

Cisco 760 Series Cabling and Setup



1

Unpack the Router

2

Connect Cables to the Router

3

Set Up the Router

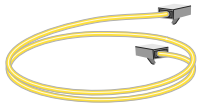
Cisco Systems

1 Unpack the Router

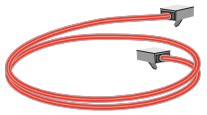
Remove the router from the package and locate the clear plastic bag labeled "Open Me First." The bag contains all the required cables for your router. Also remove the black power supply located in the accessory kit.

1 Cisco 760 series router

1 yellow Ethernet cable

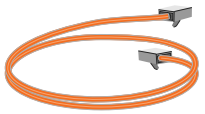


1 red ISDN U cable



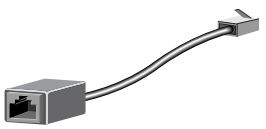
Cisco 762, Cisco 766 routers only.

1 orange ISDN S/T cable

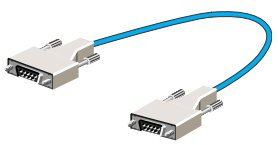


Cisco 761, Cisco 765 routers only.

1 RJ-45-to-RJ-11 adapter



1 blue config cable (optional)

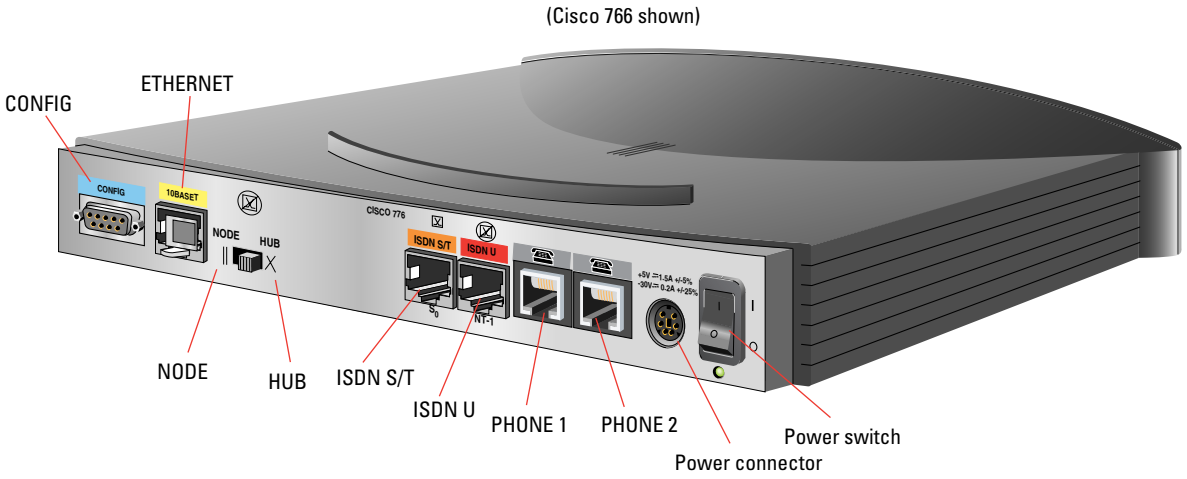


1 black power supply

1 black power supply cord

1 Cisco Fast Step CD-ROM and 2 Cisco Documentation CD-ROMs

2 Connect Cables to the Router



The ports on the router and the cables are color coded to assist you in making the proper connections. Position the router so that the rear panel is facing you.

The following pages contain detailed instructions on connecting cables to your router.

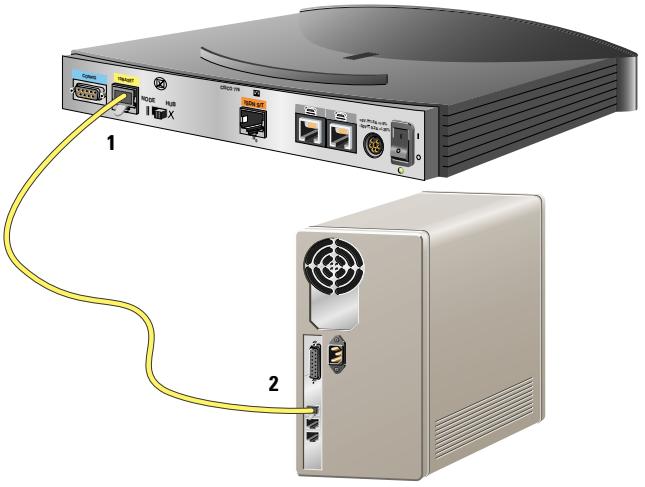
2 Connect the Ethernet Cable to a Computer or Hub

Option 1: To connect the Ethernet cable to a computer, go to option 1 below.

Option 2: To connect the Ethernet cable to a hub, go to option 2 below.

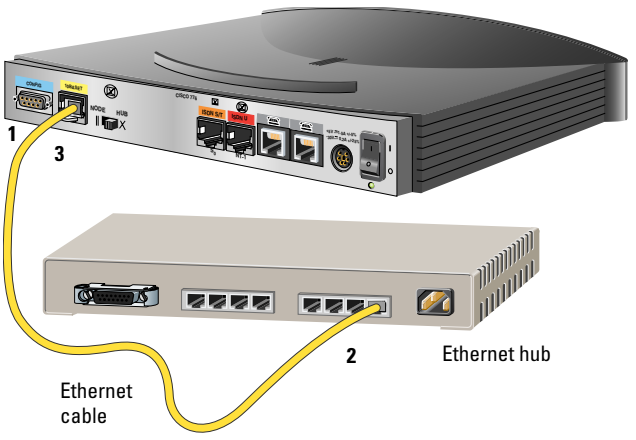
Option 1 Connect the Ethernet Cable to a Computer

1. Connect the [redacted] Ethernet cable to the [redacted] port labeled ETHERNET on the rear panel of your router.
2. Connect the other end of the cable to the Ethernet connector on the back of your computer.
3. Set the node-hub switch to the "HUB" position.



Option 2 Connect the Ethernet Cable to a Hub

1. Connect the [redacted] Ethernet cable to the [redacted] port labeled ETHERNET on the rear panel of your router.
2. Connect the other end of the cable to an available port on your Ethernet hub.
3. Set the node-hub switch to the "NODE" position.



2 Connect the ISDN Line

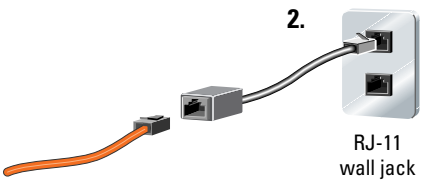
Check the rear panel of your router to find out which model you have.

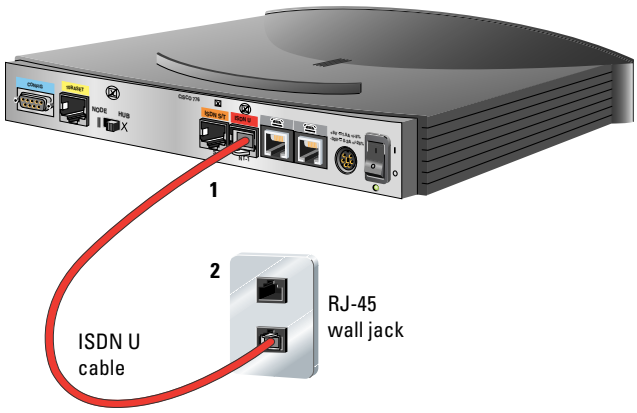
Option 1: If you have a Cisco 762 or 766, go to option 1 below.

Option 2: If you have a Cisco 761 or 765, go to option 2 below.

Option 1 Connect the ISDN Line to a Cisco 762 or Cisco 766 Router

1. Connect the red ISDN U cable to the red port labeled ISDN U on the rear panel of your router.
2. Connect the other end of the ISDN U cable directly to an RJ-45 ISDN wall jack. If necessary, use the enclosed RJ-45-to-RJ-11 adapter to connect to an RJ-11 ISDN wall jack.

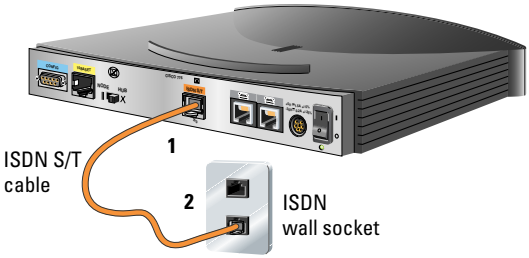




Option 2 Connect the ISDN Line to a Cisco 761 or Cisco 765 Router

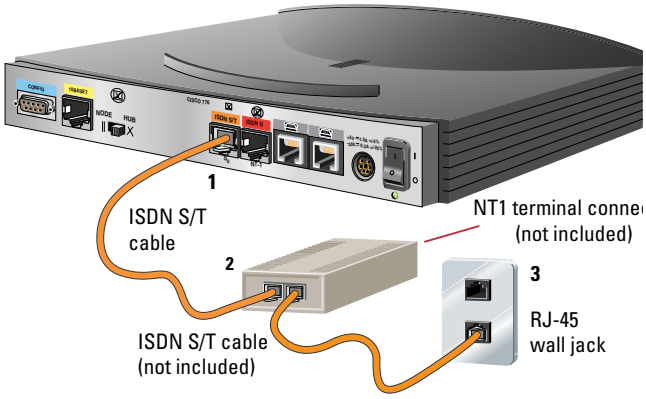
Outside North America

1. Connect the orange ISDN S/T cable to the orange port labeled ISDN S/T on the rear panel of your router.
2. Connect the other end of the ISDN S/T cable to the ISDN wall socket.

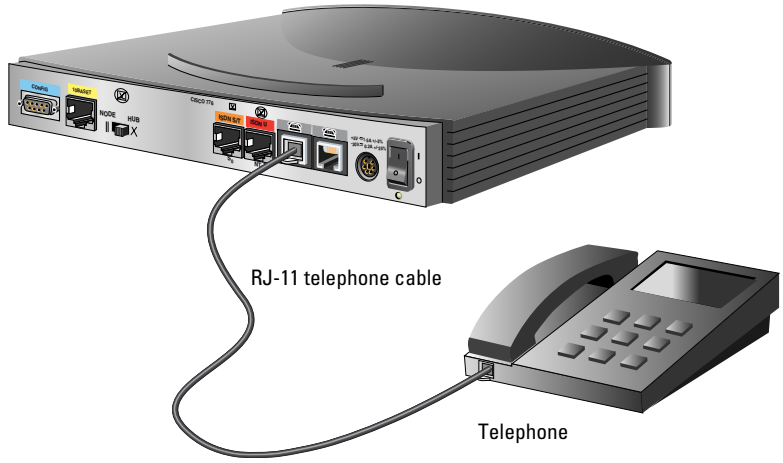


North America Only

1. Connect the orange ISDN S/T cable to the orange port labeled ISDN S/T on the rear panel of your router.
2. Connect the other end of the orange ISDN S/T cable to the NT1 terminal connector.
3. Connect the NT1 terminal connector to the ISDN wall jack using the ISDN S/T cable that came with your NT1 terminal connector.



2 Connect Optional Telephones and Facsimile Machines

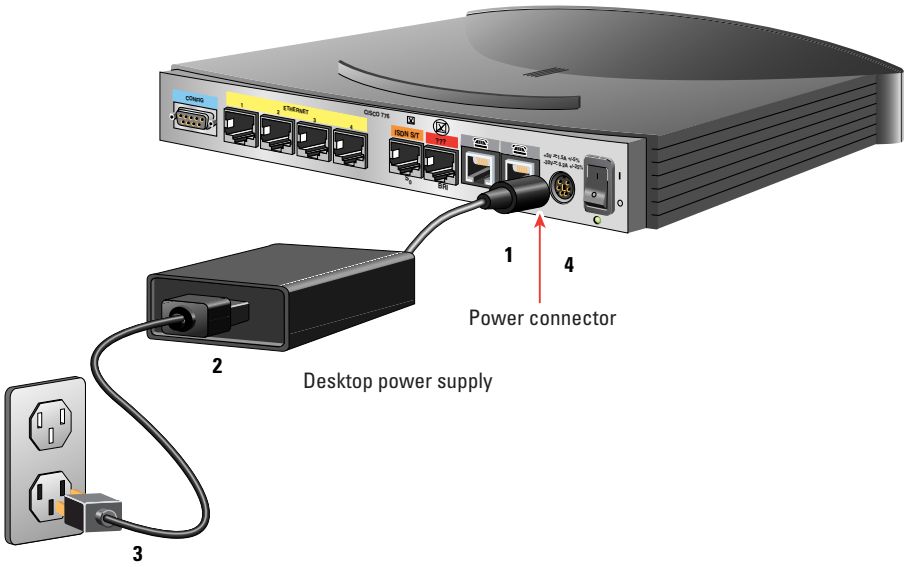


If you are using a Cisco 765 or Cisco 766, you can connect telephones and facsimile machines directly to the router.

Connect the telephone cable (provided with your telephone or facsimile machine) to the gray port labeled PHONE 1 or PHONE 2 on the rear panel of your router.

If you are connecting only one device, connect it to the port labeled PHONE 1.

2 Connect Power and Turn On the Router



Step 1 Connect the round end of the power supply cable to the black circular power connector on the rear panel of your router.

Step 2 Connect the black power supply cord to the black power supply.

Step 3 Connect the power supply cord to an electrical outlet.

Step 4 Turn on the router by using the on/off switch on the rear panel.

The green RDY LED (and the NT1 LED on the Cisco 762 and Cisco 766) on the front panel of your router goes on. Your router is ready to be configured.

If the green RDY LED is not on, refer to the "Troubleshooting Cisco 700 Series Routers" chapter in the *Cisco 700 Series Installation Guide*, located inside the plastic bag labeled "Open Me Only If Needed."

3 Set Up the Router

If you are configuring your router using **Microsoft Windows 95** or **Windows NT version 4** operating systems, insert the CD-ROM located in the back of this guide into the CD-ROM drive of your computer. The **Fast Step** setup program should start automatically.

If the setup program does not start automatically, follow these instructions:

Step 1 Double-click the **My Computer** icon.

Step 2 Double-click the **CD** icon.

Step 3 Double-click the **Setup.exe** icon.

Follow the on-screen instructions to guide you through setting up and testing of the router.

For your convenience, information on ordering your ISDN line is provided on page 9. A form prompting you for setup information is on page 10.

Order the ISDN Line

Step 1 Contact your ISDN service provider (usually the telephone company).

Step 2 Order a single 128-kbps ISDN BRI line (which is equivalent to two telephone lines).

If applicable, request the additional call offering option that allows telephone conversations while the router is in use.

Order other features you want—for example, call conferencing, call waiting, or call transferring.

Step 3 Obtain and record the following information from your ISDN service provider:

ISDN Information

1 Switch type (check one):

- ☐ NI-1 National ISDN-1
- ☐ 5ESS AT&T 5ESS
- ☐ DMS Nortel DMS-100
- ☐ INS Japan - NTT Information Network System
- ☐ VN3 France - ISDN BRI Standard
- ☐ NET3 Europe - ISDN BRI Standard
- ☐ 1TR6 Germany - ISDN Standard
- ☐ TPH Australia

2 SPIDs (optional):

a. SPID1 _____

b. SPID2 _____

3 ISDN telephone numbers (optional):

a. ISDN telephone number 1

_____

b. ISDN telephone number 2

_____

Gather Connection Information

Option 1: To connect directly to an Internet service provider, go to option 1 below.
Option 2: To connect directly to your remote corporate network, go to option 2 below.

Option 1 Internet Service Provider

Step 1 Contact your Internet service provider.

Step 2 Order Internet service for a single 128-kbps ISDN BRI line.

Step 3 Obtain and record the following information from your Internet service provider. Some of this information may not be required.

4 Internet service provider telephone number

_____

5 Internet service provider second telephone number (optional)

_____

6 Your router user name

_____

7 Your Internet service provider password

_____

8 Primary DNS ___ . ___ . ___ . ___

9 Secondary DNS ___ . ___ . ___ . ___

10 WAN IP address ___ . ___ . ___ . ___

11 WAN subnet mask ___ . ___ . ___ . ___

Option 2 Remote Corporate Network

Step 1 Contact your network administrator.

Step 2 Obtain and record the following information from your network administrator. Some of this information may not be required.

4 Remote corporate network telephone number

_____

5 Remote corporate network second telephone number (optional)

_____

6 Your router user name

_____

7 Your remote corporate network password

_____

To use Internet applications like Web browsers, or to connect to Microsoft Windows NT servers using TCP/IP, obtain the following information:

8 Primary DNS ___ . ___ . ___ . ___

9 Secondary DNS ___ . ___ . ___ . ___

10 WAN IP address ___ . ___ . ___ . ___

11 WAN subnet mask ___ . ___ . ___ . ___

12 Primary WINS ___ . ___ . ___ . ___

13 Secondary WINS ___ . ___ . ___ . ___

To connect to files and printers on NetWare, Windows NT, or Windows 95 computers using the Novell protocol, obtain the following information:

14 IPX LAN network number _____

15 IPX frame type (check one):

☐ Ethernet_II ☐ 802.3 ☐ 802.2 ☐ SNAP

16 IPX WAN network number _____

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