Numerics

10/100BASE-T ports
cables and connectors B-1
connecting to 2-26
connection distances, maximum 1-6
full duplex 1-6, 1-7
half duplex 1-6
pinouts B-2
100BASE-FX ports
cables and connectors B-2
connecting to 2-28 to 2-30
connection distances, maximum 1-7
100 port mode LED 1-13 to 1-15
19-, 23-, and 24-inch racks 2-8

A

AC power
connecting to 2-25
connector 1-19
warning C-2 to C-5
adapter pinouts
See terminal adapter pinouts
autonegotiation 1-6

B

baud rate 2-33
brackets
See mounting brackets

C

cables
10/100BASE-T ports B-1 to B-2, B-4
100BASE-FX, 50/125- or 62.5/125-micron fiber-optic 2-28, B-2
crossover and straight-through pinouts B-4
RJ-21 pinouts B-5
rollover B-6
rollover pinouts
DB-25 adapter B-8
CCO
See Cisco.com
chassis, warning against stacking C-8
circuit breaker (15A) warning C-15
Cisco.com xix
Cisco Cluster Management Suite 1-4
Cisco RPS
See RPS

CiscoWorks 2000 1-4
Class 1 laser product warning C-25
Cluster Management Suite 1-4
command-line interface (CLI) 1-4
connecting 10/100 ports to IP Phones 2-27
connecting to
  10/100BASE-T ports 2-26
  100BASE-FX ports 2-28 to 2-30
  console port 2-33 to 2-34
  LRE port 2-30 to 2-32
  workstation B-7
connection distances, maximum
  10/100BASE-T ports 1-6
  100BASE-FX ports 1-7
  LRE ports 2-6
connectivity problems, solving 3-3
connectors
  RJ-21 B-3, B-5
connectors, See also ports
  console B-5
connectors and cables 1-19
  10/100BASE-T ports B-1 to B-2
  100BASE-FX ports 1-7, B-2
  console port 2-33 to 2-34
  power (AC and RPS) 1-19
  RJ-21 connector B-3, B-5
  RPS 300 1-20
  RPS 600 1-20
  See also ports
console port 1-21
  adapter pinouts
    RJ-45-to-DB-25 terminal B-7
    RJ-45-to-DB-9 terminal B-6
  cable B-6
  connecting to 2-33 to 2-34
  default characteristics 2-33
conventions, document xii
crossover cable
  connectivity problems 3-5
  pinout B-4

D

default characteristics of the console port 2-33
documentation, CD-ROM
  Catalyst 2900 XL and Catalyst 3500 XL xvi
document conventions xii
duplex SC connector B-2

E

expansion slots
  illustration 1-5
  LEDs 1-17
  overview 1-8
  supported modules 1-8

F

feedback to Cisco Systems, web xviii
fiber-optic cable
  50/125- or 62.5/125-micron 2-28, B-2
front panel
  10/100 ports 1-6
  expansion slots 1-8
  fixed ports 1-6
  LEDs 1-9
  LRE ports 1-7
full duplex
  10/100BASE-T ports 1-6, 1-7
  LED 1-15, 1-16
  port mode 1-15, 1-16

G

ground connection warning C-14
grounded equipment warning C-17

H

half duplex
  10/100BASE-T ports 1-6
  LED 1-15, 1-16
  port mode 1-15, 1-16
hot-swappable modules 1-8
HP OpenView 1-4

I

installation
  attaching mounting brackets (rack-mount) 2-11, 2-17
  attaching mounting brackets (telco rack-mount) 2-16
  attaching mounting brackets (wall-mount) 2-23
  cable guide 2-20
  connecting to
    10/100BASE-T ports 2-26
    100BASE-FX ports 2-28 to 2-30
    console port 2-33 to 2-34
    LRE port 2-30 to 2-32
  console port
    connecting to 2-33 to 2-34
  electrical noise, avoiding 2-6
  guidelines 2-5
  mounting in a rack 2-19 to 2-20
  mounting on a wall 2-23 to 2-25
  packing list 2-6
  rack-mount 2-19 to 2-20
  table or shelf 2-7
  wall-mount 2-23 to 2-25
  warnings 2-1 to 2-4
IOS command-line interface 1-4
IP Phones
  connecting to 10/100 ports 2-27

J

jewelry removal warning C-6

L

LAN-to-phone jack 2-27
Laser beam exposure warning C-26
LEDs
  100 port mode 1-13, 1-15
  DUPLX 1-16
  expansion slots 1-17
  FDUP 1-13, 1-15
  full duplex 1-15, 1-16
  half duplex 1-15, 1-16
  interpreting 1-13
  LRE 1-14, 1-16
  port status 1-9, 1-15 to 1-16
  POST results 2-25, 3-2
  RPS 1-12 to 1-13
  RPS 300 1-13
  RPS 600 1-12
  SPEED 1-14, 1-16
  STAT 1-13 to 1-16
  STAT LED 1-15
  System 1-11
  UTL 1-13, 1-15
lightning activity warning C-23
long-reach Ethernet
  See LRE
LRE
  defined 1-1
  LED 1-14, 1-16
  port
    connecting to 2-30 to 2-32
  See also RJ-21 connector

M

main disconnecting device warning C-9
maximum connection distances
  See connection distances, maximum
mid-mount
  See installation
    attaching mounting brackets (telco rack-mount)
modules 1-8
mounting brackets 2-8
  attaching 2-11, 2-16, 2-17, 2-23

N

no on/off switch warning C-27

O

overtemperature warning C-10

P

packing list 2-6
PC, connecting to switch 2-33
performance problems, solving 3-3
personnel warning C-4
pinouts
  10/100BASE-T ports B-2
  cable, straight-through and crossover B-4
  RJ-21 connector B-5
  RJ-45-to-DB-25 terminal adapter B-8
  RJ-45-to-DB-9 terminal adapter B-7
  rollover cable B-7, B-8
ports
  10/100BASE-T 1-6
  100BASE-FX 1-7
  console 1-21
  console connector pinouts B-5
  LRE 1-7
  module 1-8
  port status LEDs 1-9, 1-15 to 1-16
port status LEDs 1-9, 1-15 to 1-16
POST results 2-25
power
  connecting to 2-25
  warning C-18
power connectors 1-19
power on 2-25
power supply
  AC power outlet 1-19
  RPS connector 1-19
  warning C-21
product disposal warning C-24

Q

qualified personnel warning C-4

R

rack installation
  bracket mounting points 2-9
rear panel
  AC power connector 1-19
  console port B-5
  RPS connector 1-19
RJ-21 connector
  illustration 1-7
  pinouts B-5
RJ-45 connector, console port 2-34, B-3, B-5
RJ-45 console port 1-18
rollover cable 2-34, B-6
  identifying B-6
  pinouts B-8

RPS
LED 1-12 to 1-13
RPS 300
connector 1-20
LED 1-13
supported switches 1-19
warning C-3
RPS 600
connector 1-20
LED 1-12
supported switches 1-19
warning C-2

S

safety C-1
SC connectors B-2
SPEED LED 1-14, 1-16
stacking the chassis warning C-8
STAT LED 1-13 to 1-16
straight-through cable pinouts
cables
straight-through B-4
SunNet Manager 1-4
supply circuit warning C-18
switch
powering on 2-25
switched ports, module 1-8
System LED 1-11

T

Telco 2-16
telephone network power warning
See TN power warning C-13
Telnet, and accessing the CLI 1-4
temperature
maximum for installation 2-6, A-2
warning C-10
temperature warning C-10
terminal, connecting to switch 2-33
terminal adapter pinouts
RH-45-to-RJ-45 B-7
RJ-45-to-DB-25 B-7
RJ-45-to-DB-9 B-6
terminal emulation software 2-33
TN power warning C-13
translated warnings C-1 to C-33

U

UTL LED 1-13, 1-15

V

VDSL
defined 1-1
very-high-data-rate digital subscriber line
See VDSL

voltage warning C-19

W

warnings
translated C-1 to C-33