



## INDEX

---

### A

#### AC-input power supplies

- connection guidelines [B-4](#)
- heat dissipation [B-3](#)
- power calculations [B-3](#)
- removing [2-29](#)

#### airflow

- specifications [B-2](#)

---

### B

#### bracket

- C, re-install [2-6, 2-13, 2-14](#)

#### brackets

- front rack mount, installation [2-6, 2-13, 2-14](#)

---

### C

#### cabinet and rack

- requirements [A-1](#)

#### cabinets

- perforated [A-2](#)
- solid-walled [A-3](#)

#### cables

- port pinouts [C-1](#)

#### cabling

- console port [C-2](#)

#### chassis

- description [2-1](#)

#### Cisco MDS 9120 switch [1-5](#)

- installing rear-facing in cabinet [2-15](#)

#### Cisco MDS 9124 switch [1-4](#)

- installing rear-facing in cabinet [2-17](#)

#### Cisco MDS 9134 Switch [1-3](#)

#### Cisco MDS 9134 switch

- installing rear-facing in cabinet [2-17](#)

#### Cisco MDS 9140 switch [1-4](#)

- installing rear-facing in cabinet [2-15](#)

#### components

- removing and installing [2-26](#)

#### connector specifications

- 10/100BASE-T [C-4](#)

- RJ-45 [3-3](#)

- twisted-pair cables schematic (figure) [C-4](#)

#### console port

- cabling [C-2](#)

- connecting [3-1](#)

- connecting to a modem [3-3](#)

- connecting to a PC [3-2](#)

- pinouts [C-2](#)

#### conventions

- cautions [I-x](#)

- description [I-x](#)

- notes [I-x](#)

#### CWDM transceivers

- description [1-14](#)

- SFP transceiver specifications [B-7](#)

---

### D

#### documentation

- additional publications [I-xii](#)

**E**

- equipment
  - required [2-4](#)
- Ethernet management port
  - connecting [3-3](#)

**F**

- fan modules [1-6](#)
  - Cisco MDS 9124 and Cisco MDS 9134 switch [2-30](#)
  - Cisco MDS 9140 and Cisco MDS 9120 switch [2-30](#)
  - installing [2-32](#)
  - removing [2-30](#)
  - verifying [2-33](#)
- fiber optic cables
  - maintaining [3-9](#)
- Fibre Channel
  - SFP transceiver specifications [B-4](#)
  - supported SFP transceivers [1-13](#)
- Fibre Channel/Gigabit Ethernet
  - combination SFP transceivers [1-14](#)
- Fibre Channel Bladeswitch [1-5](#)
- Fibre Channel ports
  - checking [3-8](#)
  - connecting [3-8](#)
- front rack-mount brackets
  - installing [2-13](#)

**G**

- Gigabit Ethernet/Fibre Channel
  - SFP transceiver specifications [B-6](#)

**H**

- humidity
  - specifications [B-1](#)

**I**

- IBM BladeCenter [1-5](#)
- installation
  - cabinet or rack installation [2-5](#)
  - guidelines [2-3](#)
  - options [2-2](#)
  - pre-installation [2-2](#)
  - rear-facing [2-15](#)
- ISL [1-10](#)

**L**

- LC-type cables
  - connecting to Fibre Channel ports [3-8](#)
  - figure [3-8](#)
- LEDs
  - descriptions [1-12](#)

**N**

- network connections
  - preparing [3-1](#)
- notched slider rails
  - Cisco MDS 9124 switch [2-7](#)

**P**

- physical specifications [B-1](#)
- pinouts
  - console port [C-2](#)
- ports
  - bandwidth optimized [1-9](#)
  - host optimized [1-9](#)
  - on-demand ports on the Cisco MDS 9124 switch [1-9](#)
  - on-demand ports on the Cisco MDS 9134 switch [1-7](#)
  - port group mapping on the Cisco MDS 9134 switch [1-7](#)
- power cord, jumper [C-5](#)

power supplies [1-6](#)  
     power consumption [1-6](#)  
     removing and installing [2-29](#)  
     specifications [B-2](#)  
     voltage specifications [B-3](#)  
 See also AC-input power supplies

---

## R

racks  
     mounting guidelines [A-4](#)  
     standard open [A-3](#)  
     Telco [A-3](#)

records  
     chassis and network information [D-4](#)

RJ-45  
     connecting [3-3](#)

---

## S

safety instructions [2-2](#)

SFP transceivers  
     CWDM [1-14](#)  
     description [1-14](#)  
     Fibre Channel [1-13](#)  
     Fibre Channel/Gigabit Ethernet combination [1-14](#)  
     maintaining [3-9](#)  
     removing and installing cables into [3-7](#)  
     specifications [B-4](#)  
     supported [1-13](#)

specifications  
     CWDM SFP transceivers [B-7](#)  
     Gigabit Ethernet/Fibre Channel SFP transceivers [B-6](#)  
     power [B-2](#)  
     SFP transceivers [B-4](#)  
     switch [B-1](#)  
     X2 transceivers [B-10](#)

stacked switch configuration [1-3](#)

starting up  
     initial start up [2-24](#)

switch LEDs [1-10](#)

system ground  
     location [2-23](#)

---

## T

technical specifications  
     airflow [B-2](#)  
     humidity [B-1](#)  
     power supplies [B-2](#)  
     temperature [B-1](#)  
     voltage [B-3](#)

temperature  
     specifications [B-1](#)

---

## V

voltage  
     specifications (table) [B-3](#)

---

## X

X2 transceivers [1-3](#)  
     specifications [B-10](#)

