Cisco 200 Series Switches
Cisco Small Business

For Small Business

Build a Powerful, Easy-to-Use Basic Business Network at an Affordable Price

The key to succeeding in today's competitive business environment is investing resources wisely – knowing how to separate the essential from the extraneous and get the most value for your dollars. As the backbone of your business and productivity applications, the small business network clearly falls into the "essential" category. But that doesn't mean you need the most advanced feature set on the market.

With Cisco® 200 Series Switches, you can achieve business-class network security and performance without paying for advanced network management features that you will not need. When you need a reliable solution to share network resources and connect computers, printers, and servers, but low cost is a top priority, Cisco 200 Series Switches provide the ideal solution.

Cisco 200 Series Switches

Cisco 200 Series Switches are a series of affordable smart switches that combine powerful network performance and reliability with the essential network management features you need for a basic business network. These expandable Fast Ethernet or Gigabit Ethernet switches provide basic management, security, and quality-of-service (QoS) features beyond those of an unmanaged or consumer-grade switch, at a lower cost than managed switches. And with an easy-to-use web user interface and the Cisco Discovery Protocol, you can deploy and configure a rock-solid business network in minutes.

Business Applications

Whether you need basic high-speed connectivity for your computers and servers or a comprehensive voice, data, and wireless technology solution, Cisco 200 Series switches can meet your business needs. Possible deployment scenarios include:

- **High-speed desktop connectivity.** Cisco 200 Series switches can quickly and securely connect employees working in small offices with one another and with all of the servers, printers, and other devices they use. High performance and reliable connectivity help speed file transfers and data processing, improve network uptime, and keep your employees connected and productive.

- **Secure wireless connectivity.** Cisco 200 Series switches work with Cisco and third-party wireless solutions to extend the reach of your network. Employees can work productively from conference rooms and common areas, collaborate in any office, and access business applications from wherever they are. Power over Ethernet (PoE) enables the switch to send power over the network cable to power wireless access points and simplifies the wireless deployment. Gigabit Ethernet speed helps ensure that your employees have the bandwidth and performance they need to make the most of mobile productivity. And with embedded security, your employees can work with confidence, knowing that only authorized users can access the network and network applications.
- **Unified communications.** The Cisco 200 Series provides QoS features to enable you to prioritize delay-sensitive traffic in your network and let you converge all of your communications solutions – such as IP telephony and video surveillance – over a single Ethernet network. Cisco offers a complete portfolio of IP telephony and other unified communications products designed for small businesses, and Cisco 200 Series switches have been rigorously tested to help ensure easy integration and full compatibility with these and other vendor products.

Features and Benefits

Cisco 200 Series Switches provide all of the features you need to create a basic business-class network at an affordable price. These features include:

- **Easy configuration and management:** Cisco 200 Series switches are designed to be easy to deploy and use by small businesses or the partners that serve them. Simple-to-use web-based interfaces reduce the time it takes to deploy, manage, and troubleshoot your network. Key features include:
  - **Cisco Discovery Protocol** simplifies setup by discovering all connected Cisco devices and allowing them to share information
  - **Cisco FindIT Network Discovery Utility** works through a simple toolbar on the user's web browser to discover Cisco devices on the network and display basic information, such as serial numbers and IP addresses, to aid in the configuration and speed the deployment of Cisco Small Business products. For more information, and to download the utility, visit www.cisco.com/go/sbtoolbar.
- **Performance and reliability:** Cisco 200 Series switches have been tested to deliver the high availability and performance you would expect from a Cisco switch and help you prevent costly downtime. The switches speed file transfer times, improve slow and sluggish networks, keep your vital business applications available, and help your employees respond more quickly to customers and each other. With a network based on Cisco 200 Series switches, you can address all of your business communication and connectivity needs and reduce the total cost of ownership of your technology infrastructure.
- **PoE:** Cisco 200 Series switches are available with PoE on both Fast Ethernet and Gigabit Ethernet models. This capability simplifies the deployment of IP telephony, wireless, video surveillance, and other solutions by allowing you to send data and power to network endpoints over the same network cable. With no need for separate power supplies or outlets for IP phones, IP cameras, or wireless access points, you can speed up deployment and installation and take advantage of advanced communications technologies quickly, and at a lower cost.
- **Network security:** Cisco 200 Series switches provide basic security and network management features you need to maintain a level of security for your business, keep unauthorized users off the network, and protect your business data. The switches provide integrated network security to reduce the risk of a security breach, with IEEE 802.1X port security to control access to your network.

- **IP telephony support:** Cisco 200 Series switches include QoS features to prioritize delay-sensitive services such as voice and video, simplify unified communications deployments, and help ensure consistent network performance for all services. For example, Auto Voice VLAN capabilities let you plug any IP phone (including third-party phones) into your IP telephony network and receive an immediate dial tone. The switch automatically configures the device with the right VLAN and QoS parameters to prioritize voice traffic.
- **IPv6 support:** Internet service providers worldwide are moving to the latest version of Internet Protocol to accommodate the growing number of network devices. Cisco 200 Series switches provide native support for IPv6 alongside traditional IPv4. That means you can take full advantage of IPv6-enabled operating systems and applications in the future, without having to upgrade your network equipment.
- **An energy-efficient solution:** Cisco 200 Series switches are designed to be eco-friendly without compromising performance. They help conserve energy by optimizing power use, which helps protect the environment and lowers your energy costs. Power-saving features include:
  - Automatic power down on Gigabit ports when a link is not active
  - Embedded intelligence to adjust power based on cable length on Gigabit Ethernet models
  - Fanless design in most models, which reduces power consumption, increases reliability, and provides quieter operation
- **Additional Gigabit Ethernet ports:** The Cisco 200 Series provides more ports per switch than other switches in the market, giving you more flexibility to connect and empower your business. Gigabit Ethernet models feature 26- and 50-port switches, versus traditional devices that offer 20 or 44 ports with 4 shared ports. The Cisco 200 Series also offers mini Gigabit Interface Converter (mini-GBIC) expansion slots that give you the option to add fiber optic or Gigabit Ethernet uplink connectivity to the switch. With the ability to increase the connectivity range of the switches, you have more flexibility to design your network around your unique business environment, and to easily connect switches on different floors or across the business.
- **Peace of mind and investment protection:** Cisco 200 Series Switches offer the reliable performance, investment protection, and peace of mind you expect from a Cisco switch. When you invest in the Cisco 200 Series, you gain the benefit of:
  - Cisco limited lifetime warranty
  - Cisco Small Business Investment Protection Program, which lets you upgrade your Cisco 200 Series switch to another Cisco Small Business or Cisco Catalyst® switch in the future and receive credit for the value of the switch (available only in the United States and Canada)
  - Rigorous testing to help ensure easy integration and compatibility with other Cisco networking and communications products, including the complete Cisco Small Business portfolio
- **World-class service and support:** Your time is valuable, especially when you have a problem that is affecting your business. That's why Cisco 200 Series switches are supported by the Cisco Small Business Support Center, a dedicated resource for small business customers and networks. The Cisco Small Business Support Center connects you directly with a technician who has earned the Cisco CCNA® certification, who can give you the expert help you need right away. You also have access to extensive technical and product information through the Cisco Small Business Support Community. Visit www.cisco.com/go/smallbizsupport.
- **Multiple language options:** The Cisco 200 Series is available in seven languages: English, French, German, Italian, Spanish, Japanese, and simplified Chinese. All product documentation and most user interfaces are translated, giving you the ability to select your preferred language.

Product Specifications

Table 1 gives the product specifications for the Cisco 200 Series Switches.

Table 1. Product Specifications

Feature	Description		
Performance			
Switching capacity and forwarding rate	Model	Capacity in Millions of Packets per Second (mpps) (64-byte packets)	Switching Capacity in Gigabits per Second (Gbps)
	SF200-24	6.55	8.8
	SF200-24P	6.55	8.8
	SF200-48	10.12	13.6
	SF200-48P	10.12	13.6
	SG200-08	11.9	13.6
	SG200-08P	11.9	13.6
	SG200-18	26.78	36.0
	SG200-26	38.69	52.0
	SG200-26P	38.69	52.0
	SG200-50	74.41	100.0
	SG200-50P	74.41	100.0
Layer 2 Switching			
Spanning Tree Protocol (STP)	Standard 802.1d STP support Fast convergence using 802.1w (Rapid Spanning Tree [RSTP]), enabled by default		
Port grouping	Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) • Up to 4 groups • Up to 4 ports per group with 16 candidate ports for each (dynamic) 802.3ad link aggregation		
VLAN	Support for up to 128 VLANs simultaneously (out of 4096 VLAN IDs). 16 VLANs supported in SG200-08 and SG200-08P. Port-based and 802.1Q tag-based VLANs		
Voice VLAN	Voice traffic is automatically assigned to a voice-specific VLAN and treated with appropriate levels of QoS		
Internet Group Management Protocol (IGMP) versions 1 and 2 snooping	IGMP limits bandwidth-intensive multicast traffic to only the requesters; supports 256 multicast groups		
Head-of-line (HOL) blocking	HOL blocking prevention		
Security			
IEEE 802.1X (Authenticator role)	802.1X: RADIUS authentication and accounting, MD5 hash Supports time-based 802.1X Dynamic VLAN assignment		
Port security	Locks MAC addresses to ports, and limits the number of learned MAC addresses		
Storm control	Broadcast, multicast, and unknown unicast		
Quality of Service			
Priority levels	4 hardware queues		
Scheduling	Strict priority and weighted round-robin (WRR) Queue assignment based on differentiated services code point (DSCP) and class of service (802.1p/CoS)		
Class of service	Port based, 802.1p VLAN priority based, IPv4/v6 IP precedence/type of service (ToS)/DSCP based, Differentiated Services (DiffServ)		
Rate limiting	Ingress policer, per VLAN and per port		

Feature	Description
Standards	
Standards	IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, IEEE 802.3ad LACP, IEEE 802.3z Gigabit Ethernet, IEEE 802.3x Flow Control, IEEE 802.1D (STP), IEEE 802.1Q/p VLAN, IEEE 802.1w RSTP, IEEE 802.1X Port Access Authentication, IEEE 802.3af, RFC 768, RFC 783, RFC 791, RFC 792, RFC 793, RFC 813, RFC 879, RFC 896, RFC 826, RFC 854, RFC 855, RFC 856, RFC 858, RFC 894, RFC 919, RFC 922, RFC 920, RFC 950, RFC 951, RFC 1042, RFC 1071, RFC 1123, RFC 1141, RFC 1155, RFC 1350, RFC 1533, RFC 1541, RFC 1542, RFC 1624, RFC 1700, RFC 1867, RFC 2030, RFC 2616, RFC 2131, RFC 2132, RFC 3164, RFC 3411, RFC 3412, RFC 3413, RFC 3414, RFC 3415, RFC 2576, RFC 4330, RFC 1213, RFC 1215, RFC 1286, RFC 1442, RFC 1451, RFC 1493, RFC 1573, RFC 1643, RFC 1757, RFC 1907, RFC 2011, RFC 2012, RFC 2013, RFC 2233, RFC 2618, RFC 2665, RFC 2666, RFC 2674, RFC 2737, RFC 2819, RFC 2863, RFC 1157, RFC 1493, RFC 1215, RFC 3416
IPv6	
IPv6	IPv6 host mode IPv6 over Ethernet Dual IPv6/IPv4 stack IPv6 neighbor and router discovery (ND) IPv6 stateless address auto-configuration Path maximum transmission unit (MTU) discovery Duplicate address detection (DAD) Internet Control Message Protocol (ICMP) version 6 IPv6 over IPv4 network with Intra-Site Automatic Tunnel Addressing Protocol (ISATAP) support
IPv6 QoS	Prioritize IPv6 packets in hardware
Multicast Listener Discovery (MLD) snooping	Deliver IPv6 multicast packets only to the required receivers
IPv6 applications	Web, ping, Simple Network Time Protocol (SNTP), Trivial File Transfer Protocol (TFTP), RADIUS, syslog, DNS client
IPv6 RFCs supported	RFC 2463: ICMP version 6 RFC 3513: IPv6 address architecture RFC 4291: IPv6 addressing architecture RFC 2460: IPv6 specification RFC 2461: Neighbor discovery for IPv6 RFC 2462: IPv6 stateless address auto-configuration RFC 1981: Path maximum transmission unit (MTU) discovery RFC 4007: IPv6 scoped address architecture RFC 3484: Default address selection mechanism RFC 4214: ISATAP tunneling RFC 4293: MIB IPv6: Textual conventions and general group RFC 3595: Textual conventions for IPv6 flow label
Management	
Web user interface	Built-in switch configuration utility for easy browser-based device configuration (HTTP). Supports configuration, system dashboard, system maintenance, and monitoring
Remote Monitoring (RMON)	Embedded RMON software agent supports one RMON group (statistics) for enhanced traffic management, monitoring, and analysis
IPv4 and IPv6 dual stack	Coexistence of both protocol stacks to ease migration
Firmware upgrade	Web browser upgrade (HTTP) and TFTP
Port mirroring	Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe. Up to 4 source ports can be mirrored to one destination port. A single session is supported.
VLAN mirroring	Traffic from a VLAN can be mirrored to a port for analysis with a network analyzer or RMON probe. Up to 4 source VLANs can be mirrored to one destination port. A single session is supported.
DHCP (Options 66 and 67)	Dynamic Host Configuration Protocol (DHCP) options facilitate tighter control from a central point (DHCP server) to obtain IP address, auto-configuration (with configuration file download)
Text-editable config files	Config files can be edited with a text editor and downloaded to another switch, facilitating easier mass deployment
Smartports	Simplified configuration of QoS and security capabilities (available First Half 2011)
Cloud services	Support for FindIT Network Discovery Utility
Localization	Localization of GUI and documentation into multiple languages
Other management	HTTP, RADIUS, port mirroring, TFTP upgrade, DHCP client, BOOTP, SNTP, , ping, syslog

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Feature	Description
Power Efficiency	
Energy Detect	Automatically turns off power on Gigabit Ethernet RJ-45 port when the switch detects a link down Active mode is resumed without loss of any packets when the switch detects the link is back up
Cable length detection	Adjusts the signal strength based on the cable length. Reduces the power consumption for cables shorter than 10 m.
General	
Jumbo frames	Frame sizes up to 10 KB supported on 10/100 and Gigabit interfaces (9K for SG200-08 and SG200-08P)
MAC table	Up to 8000 MAC addresses
Discovery	
Link Layer Discovery Protocol (LLDP) (802.1ab) with LLDP-MED extensions	LLDP allows the switch to advertise its identification, configuration, and capabilities to neighboring devices, which store the data in an MIB. LLDP-MED is an enhancement to LLDP that adds the extensions needed for IP phones.
Cisco Discovery Protocol	The switch advertises itself using the Cisco Discovery Protocol (available First Half 2011)
Power over Ethernet (PoE)	
IEEE 802.3af PoE delivered on half of the RJ-45 ports within the listed power budgets	Maximum power of 15.4W to any 10/100 or Gigabit Ethernet base port. The total power available for PoE per switch is as follows:

Model	Power Dedicated to PoE	Number of Ports That Support PoE
SF200-24P	100W	12
SF200-48P	180W	24
SG200-08P	32W	4
SG200-26P	100W	12
SG200-50P	180W	24

Power consumption

Model	Power Savings Mode	Power Consumption: Worst Case	Heat Dissipation (BTU/hr)
SF200-24	Energy Detect	110V/0.272A/13.7W 220V/0.169A/14.5W	49.5
SF200-24P	Energy Detect	110V/0.346A/21.3W 220V/0.166A/22.2W	75.8
SF200-48	Energy Detect	110V/0.453A/26.2W 220V/0.276A/26.8W	91.5
SF200-48P	Energy Detect	110V/0.355A/37.2W 220V/0.217A/37.4W	127.6
SG200-08	Auto power down for link down	110V/P=6.7W 220V/P=7.21W	24.6
SG200-08P	Auto power down for link down	110V/P=7.6W 220V/P=8.1W	27.6
SG200-18	Energy Detect (link down), short reach	110V/P=22.4W 220V/P=22.9W	78.2
SG200-26	Short reach plus Energy Detect	110V/0.513A/27.8W 220V/0.306A/28.3W	96.6
SG200-26P	Short reach plus Energy Detect	110V/0.591A/36.8W 220V/0.381A/37.5W	128.0
SG200-50	Short reach plus Energy Detect	110V/0.569A/61.8W 220V/0.296A/61.4W	209.6
SG200-50P	Short reach plus Energy Detect	110V/0.749A/76.4W 220V/0.412A/78.3W	267.2

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Feature	Description			
Ports	Model Name	Total System Ports	RJ-45 Ports	Combo Ports (RJ-45 + SFP)
	SF200-24	24 Fast Ethernet 2 Gigabit Ethernet	24 Fast Ethernet	2 Gigabit Ethernet combo
	SF200-24P	24 Fast Ethernet 2 Gigabit Ethernet	24 Fast Ethernet	2 Gigabit Ethernet combo
	SF200-48	48 Fast Ethernet 2 Gigabit Ethernet	48 Fast Ethernet	2 Gigabit Ethernet combo
	SF200-48P	48 Fast Ethernet 2 Gigabit Ethernet	48 Fast Ethernet	2 Gigabit Ethernet combo
	SG200-08	8 Gigabit Ethernet	8 Gigabit Ethernet	-
	SG200-08P	8 Gigabit Ethernet	8 Gigabit Ethernet	-
	SG200-18	18 Gigabit Ethernet	16 Gigabit Ethernet	2 Gigabit Ethernet combo
	SG200-26	26 Gigabit Ethernet	24 Gigabit Ethernet	2 Gigabit Ethernet combo
	SG200-26P	26 Gigabit Ethernet	24 Gigabit Ethernet	2 Gigabit Ethernet combo
	SG200-50	50 Gigabit Ethernet	48 Gigabit Ethernet	2 Gigabit Ethernet combo
	SG200-50P	50 Gigabit Ethernet	48 Gigabit Ethernet	2 Gigabit Ethernet combo
Buttons	Reset button			
Cabling type	Unshielded twisted pair (UTP) Category 5 or better for 10BASE-T/100BASE-TX; UTP Category 5 Ethernet or better for 1000BASE-T			
LEDs	System, Link/Act, PoE, Speed			
Flash	16 MB (8 MB in SG200-08 and SG200-08P)			
CPU memory	128 MB (32 MB in SG200-08 and SG200-08P)			
Packet buffer	All numbers are aggregate across all ports, as the buffers are dynamically shared:			
	Model	Packet Buffer		
	SF200-24	4 Mb		
	SF200-24P	4 Mb		
	SF200-48	2 @ 8 Mb		
	SF200-48P	2 @ 8 Mb		
	SG200-08	4 Mb		
	SG200-08P	4 Mb		
	SG200-18	4 Mb		
	SG200-26	4 Mb		
	SG200-26P	4 Mb		
	SG200-50	2 @ 8 Mb		
	SG200-50P	2 @ 8 Mb		
Supported Small Form-Factor Pluggable (SFP) Modules	Product Ordering Number	Media	Speed	Typical Distance
	MFEFX1	Multimode fiber	100 Mbps	2 km
	MFELX1	Single-mode fiber	100 Mbps	10 km
	MFEBX1	Single-mode fiber	100 Mbps	20 km
	MGBBX1	Single-mode fiber	1000 Mbps	40 km
	MGBSX1	Multimode fiber	1000 Mbps	300 m
	MGBLH1	Single-mode fiber	1000 Mbps	40 km
	MGBLX1	Single-mode fiber	1000 Mbps	10 km

Feature	Description		
Environmental			
Dimensions (W x H x D)	Model	Metric (mm)	Inches
	SF200-24	440 x 44.32 x 257	17.35 x 1.74 x 10.1
	SF200-24P	440 x 44 x 257	17.35 x 1.73 x 10.1
	SF200-48	440 x 44 x 257	17.35 x 1.73 x 10.1
	SF200-48P	440 x 44.32 x 350	17.35 x 1.74 x 13.8
	SG200-08	113 x 27 x 130	4.45 x 1.06 x 5.12
	SG200-08P	130 x 42.3 x 130	5.12 x 1.52 x 5.12
	SG200-18	440.6 x 44.32 x 202.82	17.35 x 1.74 x 7.99
	SG200-26	440 x 44 x 257	17.35 x 1.73 x 10.1
	SG200-26P	440 x 44 x 257	17.35 x 1.73 x 10.1
	SG200-50	440 x 44 x 257	17.35 x 1.73 x 10.1
	SG200-50P	440 x 44 x 350	17.35 x 1.73 x 13.8
Unit weight	Model	Kilograms	Pounds
	SF200-24	3.04	6.70
	SF200-24P	3.45	7.61
	SF200-48	3.42	7.54
	SF200-48P	4.73	10.43
	SG200-08	0.75	1.65
	SG200-08P	1.26	2.78
	SG200-18	2.01	4.43
	SG200-26	3.27	7.21
	SG200-26P	3.82	8.42
	SG200-50	3.96	8.73
	SG200-50P	5.47	12.06
Power	Model	Power	
	SF200-24	100V–240V, 12V/2.5A, 50–60 HZ	
	SF200-24P	100V–240V, 12V/2.5A, 50–60 HZ 100V–240V, 50V/2A, 50–60 HZ	
	SF200-48	100V–240V, 12V/4.5A, 50–60 HZ	
	SF200-48P	100V–240V, 50V/3.6A, 12V/4A, 50–60 HZ	
	SG200-08	(ex) 100V–240V, 0.5A, 50–60 HZ	
	SG200-08P	100V–240V, 1.0.56A, 50–60 HZ	
	SG200-18	100V–240V, 1.0–0.5A, 50–60 HZ	
	SG200-26	100V–240V, 12V/2.5A, 50–60 HZ	
	SG200-26P	100V–240V, 12V/2.5A, 50–60 HZ 100V–240V, 50V/2A, 50–60 HZ	
	SG200-50	110V–240V, 12V/8.33A, 50–60 HZ	
	SG200-50P	110V-240V, 12V/8.5A, 50-60 HZ 100V-240V, 50V/2A, 50-60 HZ	

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Feature	Description			
Certification	UL (UL 60950), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A			
Operating temperature	32°to 104℉ (0°to 40℃)			
Storage temperature	–4°to 158℉ (–20°to 70℃)			
Operating humidity	10% to 90%, relative, noncondensing			
Storage humidity	10% to 90%, relative, noncondensing			
Acoustic noise and mean time between failures (MTBF)	Model	Fan (Number)	Acoustic Noise	MTBF @ 40℃ (hours)
	SF200-24	No	N/A	414,166
	SF200-24P	1	40.2 dB	307,098
	SF200-48	No	N/A	267,865
	SF200-48P	2	41.7 dB	174,966
	SG200-08	No	N/A	71,834
	SG200-08P	No	N/A	69,003
	SG200-18	No	N/A	68,033
	SG200-26	No	N/A	194,278
	SG200-26P	1	40.2 dB	218,842
	SG200-50	2	41.7 dB	237,610
	SG200-50P	4	30℃ =42.5 dB 40℃ =54.7 dB	208,976
Warranty	Limited lifetime			

Package Contents

- Cisco 200 Series Smart Switch
- Power cord (power adapter for 8-port SKUs)
- Mounting hardware
- CD-ROM with user documentation (PDF) included
- Quick-start guide

Minimum Requirements

- Web browser: Mozilla Firefox version 2.5 or later; Microsoft Internet Explorer version 6 or later
- Category 5 Ethernet network cable
- TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, or Mac OS X) installed on each computer in the network

Ordering Information

Table 2 provides ordering information for the Cisco 200 Series Switches. Table 3 gives ordering information for the MFE and MGE transceivers.

Table 2. Cisco 200 Series Switches Ordering Information

Model	Product Ordering Number	Description
Fast Ethernet		
SF200-24	SLM224GT-xx	• 24 10/100 ports • 2 combo mini-GBIC ports*
SF200-24P	SLM224PT-xx	• 24 10/100 ports • 2 combo mini-GBIC ports* • PoE
SF200-48	SLM248GT-xx	• 48 10/100 ports • 2 combo mini-GBIC ports*
SF200-48P	SLM248PT-xx	• 48 10/100 ports • 2 combo mini-GBIC ports* • PoE
SF200-48	SLM248GT-xx	• 48 10/100 ports • 2 combo mini-GBIC ports*
Gigabit Ethernet		
SG200-08	SLM2008T-xx	• 8 10/100/1000 ports
SG200-08P	SLM2008PT-xx	• 8 10/100/1000 ports • PoE
SG200-18	SLM2016T-xx	• 16 10/100/1000 ports • 2 combo mini-GBIC ports*
SG200-26	SLM2024T-xx	• 24 10/100/1000 ports • 2 combo mini-GBIC ports*
SG200-26P	SLM2024PT-xx	• 24 10/100/1000 ports • 2 combo mini-GBIC ports* • PoE
SG200-50	SLM2048T-xx	• 48 10/100/1000 ports • 2 combo mini-GBIC ports*
SG200-50P	SLM2048PT-xx	• 48 10/100/1000 ports • 2 combo mini-GBIC ports* • PoE

*Each combo mini-GBIC port has one 10/100/1000 Ethernet port and one mini-GBIC/SFP Gigabit Ethernet slot, with one port active at a time.

Table 3. MFE and MGE Transceiver Ordering Information

Product Ordering Number	Description
MFE Transceivers	
MFEBX1	100BASE-BX-20U SFP transceiver for single-mode fiber, 1310 nm wavelength, supports up to 20 km
MFELX1	100BASE-LX SFP transceiver for single-mode fiber, 1310 nm wavelength, supports up to 2 km
MFEFX1	100BASE-FX SFP transceiver for multimode fiber, 1310 nm wavelength, supports up to 10 km
MGE Transceivers	
MGBBX1	1000BASE-BX-20U SFP transceiver for single-mode fiber, 1310 nm wavelength, supports up to 40 km
MGBLH1	1000BASE-LH SFP transceiver for single-mode fiber, 1310 nm wavelength, supports up to 40 km
MGBLX1	1000BASE-LX SFP transceiver for single-mode fiber, 1310 nm wavelength, supports up to 10 km
MGBSX1	1000BASE-SX SFP transceiver for multimode fiber, 850 nm wavelength, supports up to 550 m

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A Powerful Foundation for the Basic Business Network

As you strive to make your business more competitive and efficient, every dollar counts. Cisco 200 Series Switches give you just the right the features, performance, and reliability you need, without making you pay for advanced features you don't. With Cisco 200 Series switches, you can rest assured that your business applications and communications tools are resting on a strong technology foundation, so you can focus on achieving your business goals.

For More Information

To find out more about Cisco 200 Series Switches, visit www.cisco.com/go/200switches.

To learn about other products and solutions in the Cisco Small Business portfolio, visit www.cisco.com/go/smallbusiness.

Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

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Printed in USA C78-634369-01 4/11