SPECIFICATIONS

CONNECTORS
50 total available ports, comprised of:
- 48 auto-negotiating 10BASE-T/100BASE-TX configured as auto MDI/MDIX
- 2 dual-personality Gigabit port pairs, configurable as 10BASE-T/100BASE-TX/1000BASE-T or SFP

PERFORMANCE
13.6 Gbps switching capacity, max.

10.1 Mpps forwarding rate, max.

Wirespeed performance across ports

Store-and-forward switching

LAYER 2 SWITCHING
8,192 MAC addresses in address table

256 port-based VLANs (IEEE 802.1Q)

Manual link aggregation: 4 trunks, max.; 8 ports per trunk, max.

Auto-negotiation of port speed and duplex

IEEE 802.3x full-duplex flow control

IEEE 802.1D Spanning Tree Protocol (STP)

IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)

Internet Group Management Protocol (IGMP) snooping on Layer 2 interfaces

Multicast filtering

CONVERGENCE
4 hardware queues per port, with IEEE 802.1p Class of Service/Quality of Service (CoS/QoS) on egress

Weighted Round Robin queuing

Traffic prioritization at Layer 2 using 802.1p QoS

Auto VLAN assignment for voice traffic determined by vendor OUI

SECURITY
IEEE 802.1X Network login; EAP-MD5 encryption

MANAGEMENT
Web-based configuration for:
- Port speed and duplex configuration
- Spanning tree
- VLANs
- IGMP snooping
- Link aggregation
- IGMP query
- Traffic monitoring
- Broadcast storm control
- SNMP v1 and v2

Compatible with SNMP management tools like 3Com Network Supervisor and 3Com Network Director

CLI management supports initial setup of switch

LED INDICATORS
Module active, power, link status/speed/active

AT-A-GLANCE TRAFFIC MONITORING
Ports: active, enabled, disabled

Modules: present, active

POWER SUPPLY
Input voltage: 100-240 VAC, 50/60 Hz

Current rating: 2A, max.

Power consumption: 24W, max.

Power dissipation: 61 BTU/hr, max.

Power inlet: IEC 320

DIMENSIONS
Height: 4.3 cm (1.7 in or 1 RU)

Width: 44.0 cm (17.3 in)

Depth: 17.5 cm (6.9 in)

Weight: 1.9 kg (4.2 lb)

ENVIRONMENTAL REQUIREMENTS
Operating temperature: 0° to 40°C (32° to 104°F)

Operating humidity: 10 to 95% (non-condensing)

Standard: EN 60068 (IEC 68)

REGULATORY AND AGENCY APPROVALS
Safety: UL 60950-1, EN 60950-1, CSA 22.2 60950-1, IEC 60950-1

Emissions: EN 55022 Class A, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, AS/NZS 3548 Class A,

Environmental: EN 60068 (IEC 68)

Immunity: EN 55024

IEEE STANDARDS SUPPORTED
IEEE 802.1d Spanning Tree

IEEE 802.1p Priority Tags

IEEE 802.1Q VLANs

IEEE 802.1X Port Security

IEEE 802.1w Rapid Spanning Tree

IEEE 802.3 Ethernet

IEEE 802.3ab Gigabit Ethernet

IEEE 802.3u Fast Ethernet

IEEE 802.3x Flow Control

IEEE 802.3z Gigabit Ethernet

ISO 8802-3

PACKAGE CONTENTS
Switch unit, power cord, self-adhesive rubber pads, rack-mount kit, user guide, installation CD, warranty flyer

WARRANTY AND OTHER SERVICES
Three Year Limited Hardware Warranty, including power supply

Limited Software Warranty for 90 days

Advance Hardware Replacement with Next Business Day shipment in most regions

90 days of telephone technical support

Refer to www.3com.com/warranty for details.

ORDERING INFORMATION

PRODUCT DESCRIPTION	3COM SKU
3Com Baseline Switch 2250 Plus	3CBLSF50
Transceivers	
3Com 1000BASE-SX SFP	3CSFP91
3Com 1000BASE-LX SFP	3CSFP92

Visit www.3com.com for more information about 3Com secure converged network solutions.

3Com Corporation, Corporate Headquarters, 350 Campus Drive, Marlborough, MA 01752-3064
3Com is publicly traded on NASDAQ under the symbol COMS.

Copyright © 2008 3Com Corporation. All rights reserved. 3Com and the 3Com logo are registered trademarks of 3Com Corporation. All other company and product names may be trademarks of their respective companies. While every effort is made to ensure the information given is accurate, 3Com does not accept liability for any errors or mistakes which may arise. All specifications are subject to change without notice.
400894-006 06/08