WS-C3750G-12S-S Datasheet

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Overview

Cisco Catalyst 3750G-12S switch is an innovative product that improves LAN operating efficiency by combining industry-leading ease of use and the highest resiliency available for stackable switches. This new product represents the next generation in desktop switches, and features Cisco StackWise technology, a 32-Gbps stack interconnect that allows customers to build a unified, highly resilient switching system, one switch at a time. For mid-sized organizations and enterprise branch offices, the Cisco Catalyst 3750G-12S eases deployment of converged applications and adapts to changing business needs by providing configuration flexibility, support for converged network patterns, and automation of intelligent network-services configurations. In addition, the Cisco Catalyst 3750G-12S is optimized for high-density Gigabit Ethernet deployments and includes a diverse range of switches that meet access, aggregation, or small-network backbone-connectivity requirements

• 12 SFP-based Gigabit Ethernet ports
• 32-Gbps, high-speed stacking bus
• Innovative stacking technology
• 1 RU stackable multilayer switch
• Enterprise-class intelligent services delivered to the network edge
• IP Base software feature set (IPB)

Specification

WS-C3750G-12S-S data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750G-12S-S
Product Type	Switch - 12 ports - L3 - Managed - stackable
Form Factor	Fixed, Rack Mountable 1U, Stackable/Clustering
Switch Port density - Uplinks	12 x Gigabit SFP
Performance	Switching capacity : 32 Gbps Forwarding performance : 17.8 Mpps
MAC Address Table Size	12K entries
Jumbo Frame Support	Yes
Max Number of Stacks	9
Routing Protocol	RIP-1, RIP-2, HSRP, static IP routing, RIPng
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, SSH, CLI
Authentication Method	Kerberos, Secure Shell (SSH), RADIUS, TACACS+
Features	Flow control, full duplex capability, Layer 3 switching, auto-sensing per device, IP-routing, DHCP support, auto-negotiation, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, traffic shaping, stackable, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Dynamic Trunking Protocol (DTP) support, Port Aggregation Protocol (PAgP) support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, Jumbo Frames support, Cisco StackWise Technology, Cisco EnergyWise technology, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Link Aggregation Control Protocol (LACP), Remote Switch Port Analyzer (RSPAN)

Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s
DRAM Memory	128 MB
Flash Memory	16 MB Flash
LED Status Lights Indicators	Link activity, port transmission speed, port duplex mode, bandwidth utilization %, system, RPS (Redundant Power Supply)
Connectivity / Expansion Slots	
Interfaces	1 x console - RJ-45 - management Network stack device : 1 x x 2 12 x SFP (mini-GBIC)
Power Supply Specifications	
Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	120 Watt
Features	Redundant Power System (RPS) connector
Dimensions / Weight / Miscellaneous	
Width	44.5 cm
Depth	32.6 cm
Height	4.4 cm
Weight	4.6 kg
MTBF	215,000 hour(s)
Compliant Standards	CE, FCC Class A certified, TUV GS, BSMI CNS 13438 Class A, CISPR 24, cUL, EN 60950, EN55022, NOM, VCCI Class A ITE, IEC 60950, EN55024, UL 60950 Third Edition, CISPR 22, CSA 22.2 No. 60950, CB, FCC Part 15, MIC, AS/NZS 3548
System Software	
Software Included	Cisco IOS IP Base
Manufacturer Warranty	
Service & Support	Limited lifetime warranty
Service & Support Details	Limited warranty - lifetime

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