WS-C3750-48TS-S
Datasheet

Overview

Cisco Catalyst 3750-48TS switches are an innovative product line that improves LAN operating efficiency by combining industry-leading ease of use and the highest resiliency available for stackable switches. This new product series 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 3750 Series 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

- 48 Ethernet 10/100 ports
- 4 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-C3750-48TS-S data sheet	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	WS-C3750-48TS-S
Product Type	Managed, Stackable 48 ports L3 Switch
Form Factor	Fixed, Rack Mountable 1U, Stackable/Clustering
Switch Port density - Uplinks	48 x 10/100 + 4 x SFP
MAC Address Table Size	12K entries
Max Number of Stacks	9
Routing Protocol	RIP-1, RIP-2, EIGRP, static IP routing, RIPng
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, SSH
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, IPv6 support, Trivial File Transfer Protocol (TFTP) support, Access Control List (ACL) support, Quality of Service (QoS)
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	Port status, link activity, port transmission speed, port duplex mode, status

Connectivity / Expansion Slots

Interfaces	48 x 10Base-T/100Base-TX - RJ-45 1 x console - RJ-45 - management Network stack device : 4 x SFP (mini-GBIC)

Power Supply Specifications

Power Device	Power supply - internal
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	75 Watt
Features	Redundant Power System (RPS) connector

Dimensions / Weight / Miscellaneous

Width	44.5 cm
Depth	30 cm
Height	4.4 cm
Weight	4.1 kg
Rack Mounting Kit	Optional
MTBF	217,824 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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Transition Guide

📄 **Guide to Upgrade Cisco Access and Backbone Switch**

📄 **Selecting Cisco Switches-Campus, Branch, Digital Building**

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- Tel: +971 503823786 /+971 42409998
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