

Cisco Catalyst 3750-E Series Switches

The Cisco® Catalyst® 3750-E Series Switches with StackWise Plus (Figure 1) is an enterprise-class line of stackable wiring closet switches that facilitates the deployment of secure converged applications while maximizing investment protection for evolving network and application requirements. Combining 10/100/1000 and Power over Ethernet (PoE) configurations with 10 Gigabit Ethernet uplinks, the Cisco Catalyst 3750-E enhances worker productivity by enabling applications such as IP telephony, wireless, and video.

Cisco Catalyst 3750-E Series Primary Features

- Cisco TwinGig converter module for migrating uplinks from Gigabit Ethernet to 10 Gigabit Ethernet
- Cisco EnergyWise for greenhouse gas emissions and operational cost optimization by measuring, reporting, and reducing energy consumption across the entire corporate infrastructure, well beyond the scope of IT
- PoE configurations with up to 15.4 W of PoE on all 48 ports
- Enhanced PoE supporting up to 20W of PoE per port
- StackWise Plus for ease of use and resiliency with 64 Gbps of throughput
- · Modular power supply with externally available backup
- Multicast routing, IPv6 routing, and access control list in hardware
- · Out-of-band Ethernet management port along with RS-232 console port

Figure 1. Cisco Catalyst 3750-E Series Switches (front and back)



Switch Configurations

Table 1 shows the Cisco Catalyst 3750-E Series configurations:

Table 1. Switch Configurations

Feature	Description
Cisco Catalyst 3750E-24TD	24 Ethernet 10/100/1000 ports and 2 X2 10 Gigabit Ethernet uplinks
Cisco Catalyst 3750E-24PD	24 Ethernet 10/100/1000 ports with PoE and 2 X2 10 Gigabit Ethernet uplinks
Cisco Catalyst 3750E-48TD	48 Ethernet 10/100/1000 ports and 2 X2 10 Gigabit Ethernet uplinks
Cisco Catalyst 3750E-48PD	48 Ethernet 10/100/1000 ports with PoE and 2 X2 10 Gigabit Ethernet uplinks
Cisco Catalyst 3750E-48PD-F	48 Ethernet 10/100/1000 ports with > 15.4 watts PoE on all 48 ports and 2 X2 10 Gigabit Ethernet uplinks

Cisco Catalyst 3750-E Software

Cisco Catalyst 3750-E Series is available with either the IP Base or the IP Services feature set. The IP Base feature set includes advanced quality of service (QoS), a suite of security features, rate-limiting, access control lists, and basic static and Routing Information Protocol (RIP) routing capability. The IP Services feature set provides a richer set of enterprise-class features, including advanced hardware-based IP unicast and multicast routing—Enhanced Interior Gateway Routing Protocol (EIGRP), Open Shortest Path First (OSPF), Border Gateway Protocol (BGP), Protocol Independent Multicast (PIM), and IPv6 routing such as OSPFv3 and EIGRPv6.

Customers can transparently upgrade the software feature set in the Cisco Catalyst 3750-E Series Switches through Cisco IOS® Software Activation. Software activation authorizes and enables the Cisco IOS Software feature sets. A special file contained in the switch, called a license file, is examined by Cisco IOS Software when the switch is powered on. Based on the license's type, Cisco IOS Software activates the appropriate feature set. License types can be changed, or upgraded, to activate a different feature set. For detailed information about Software Activation, visit http://www.cisco.com/go/sa.

Investment Protection

The Cisco Catalyst 3750-E Series Switches are compatible with the Cisco Catalyst 3750 Series Switches, enabling customers to stack them together and thereby protect existing investment in the Cisco Catalyst 3750 Series Switches. The Cisco TwinGig Small Form-Factor Pluggable (SFP) converter module further protects customers' investment in Cisco Catalyst 3750-E Series Switches by enabling migration from Gigabit Ethernet to 10 Gigabit Ethernet uplinks, as business needs require, without having to upgrade the switches.

Cisco StackWise Plus Technology

Cisco StackWise Plus technology is built on the highly successful StackWise™ technology, which is a premium stacking architecture optimized for Gigabit Ethernet. StackWise technology was designed to respond to additions, deletions, and redeployment while maintaining constant performance. The stack behaves as a single switching unit that is managed by a master switch elected from one of the member switches. The master switch automatically creates and updates all the switching and optional routing tables. A working stack can accept new members or delete old ones without service interruption. StackWise creates a highly resilient single unified system of up to nine switches, providing simplified management using a single IP address, single telnet session, single command-line interface (CLI), auto-version checking, autoconfiguration, and more. StackWise Plus supports all the features of StackWise and provides backward compatibility with the existing Cisco Catalyst 3750 Series Switches while enhancing the throughput of the system up to 64 Gbps. StackWise Plus also enables local switching in Cisco Catalyst 3750-E Series Switches. Local switching packets coming into a port in the Cisco Catalyst 3750-E Series Switch destined for another port in the same switch do not have to traverse through the stack ring, thus increasing the forwarding capacity of the switch.

Cisco EnergyWise Technology

Cisco EnergyWise is an innovative architecture, added to the Cisco Catalyst 3750-E switches, promoting companywide sustainability by reducing energy consumption across an entire corporate infrastructure and affecting more than 50 percent of global greenhouse gas emissions created by worldwide building infrastructure, a much greater effect than the 2 percent generated by the IT industry. Cisco EnergyWise enables companies to measure the power consumption of network infrastructure and network-attached devices and manage power consumption with specific

policies, reducing power consumption to realize increased cost savings, potentially affecting any powered device.

EnergyWise encompasses a highly intelligent network-based approach to communicate messages that measure and control energy between network devices and endpoints. The network discovers Cisco EnergyWise manageable devices, monitors their power consumption, and takes action based on business rules to reduce power consumption. EnergyWise uses a unique domainnaming system to query and summarize information from large sets of devices, making it simpler than traditional network management capabilities. Cisco EnergyWise's management interfaces allow facilities and network management applications to communicate with endpoints and each other using the network as a unifying fabric. The management interface uses standard SNMP or SSL to integrate Cisco and third-party management systems.

Cisco EnergyWise extends the network as a platform for power control plane for gathering, managing, and reducing power consumption of all devices, resulting in companywide optimized power delivery and reduced energy costs.

10 Gigabit Ethernet Uplinks and the Cisco TwinGig SFP Converter

The Cisco Catalyst 3750-E features wire-speed 10 Gigabit Ethernet uplink ports for high-bandwidth applications, relieving congestion and ensuring smooth delivery of data. The TwinGig SFP converter (see Figure 2) converts a 10 Gigabit Ethernet X2 interface into two Gigabit Ethernet SFP ports. This way, customers can initially use the switch with Gigabit Ethernet uplinks and later implement 10 Gigabit Ethernet uplinks as business demands change, without having to upgrade the access layer.

Figure 2. Cisco TwinGig Adapter Converting 10 Gigabit Ethernet X2 Interface into Two Gigabit Ethernet SFP Interfaces



Modular Power Supplies

The Cisco Catalyst 3750-E Series Switches have one power supply slot and support the following power supplies. PoE switches require a PoE power supply. Data-only switches can operate with any of the power supplies.

- C3K-PWR-1150WAC: 1150WAC power supply with 800W PoE
- C3K-PWR-750WAC: 750WAC power supply for 24-port switch with 420W PoE
- C3K-PWR-265WAC: 265WAC power supply for 48-port or 24-port switch without PoE
- C3K-PWR-265WDC: 265WDC power supply for 48-port or 24-port switch without PoE

Maximum power availability for converged voice and data networks is attainable when a Cisco Catalyst 3750-E Series Switch is combined with the Cisco RPS 2300 Redundant Power System for transparent protection against internal power supply failures and an uninterruptible power supply (UPS) system to safeguard against power outages. Using the RPS 2300 to provide backup power, the Cisco Catalyst 3750-E Series Switch power supplies become hot swappable. Table 3 shows the power supply compatibility matrix.

Power over Ethernet

The Cisco Catalyst 3750-E Series can provide a lower total cost of ownership for deployments that incorporate Cisco IP phones, Cisco Aironet[®] wireless LAN (WLAN) access points, or any IEEE 802.3af-compliant end device. PoE removes the need for wall power to each PoE-enabled device and eliminates the cost for additional electrical cabling and circuits that would otherwise be necessary in IP phone and WLAN deployments. The Cisco Catalyst 3750-E 24-port PoE configurations can support 24 simultaneous full-powered PoE ports at 15.4W for full powered-device support. The Cisco Catalyst 3750-E 48-port PoE configurations can support 48 simultaneous full-powered PoE ports at 15.4W when using the optional 1150W power supply. Alternatively, for deployments that do not need full PoE on all ports, a smaller power supply can be used in conjunction with Cisco Catalyst Intelligent Power Management to support 24-port and 48-port PoE configurations.

In addition, Cisco Catalyst Intelligent Power Management supports Enhanced PoE where up to 20W of PoE can be delivered to each port. This capability enables support of PoE devices such as 802.11n wireless equipment where >15.4W of PoE is required.

Redundant Power System

The Cisco Catalyst 3750-E Series Switches support the new generation of Redundant Power Supply (RPS) 2300. The RPS 2300 increases availability in a converged data, voice, and video network by providing transparent power backup to two of six attached Cisco Catalyst 3750-E Series Switches at the same time. The failed power supply can be swapped out while the switch is being powered up by the RPS 2300.

Primary Features and Benefits

Ease of Use: Deployment

A working stack is self-managing and self-configuring. When switches are added or removed, the master switch automatically loads the Cisco IOS Software version running on the stack to the new switch, loads the global configuration parameters, and updates all the routing tables to reflect changes. Upgrades are applied universally and simultaneously to all members of the stack.

The Cisco Catalyst 3750-E Series stacks up to nine switches as a single logical unit for a total of 468 Ethernet 10/100/1000 ports, 432 PoE 10/100/1000 ports, or 18 10 Gigabit Ethernet ports. Individual 10/100/1000 units can be joined in any combination to evolve with network needs.

Other ease of use features include but are not limited to:

- Smartports enable fast and easy configuration of Cisco recommended best practice security and QoS features, encapsulating years of Cisco networking expertise.
- Dynamic Host Configuration Protocol (DHCP) autoconfiguration of multiple switches through a boot server eases switch deployment.

- Automatic QoS (AutoQoS) simplifies QoS configuration in voice over IP (VoIP) networks by
 issuing interface and global switch commands to detect Cisco IP phones, classify traffic,
 and help enable egress queue configuration.
- Master configuration management helps ensure that all switches are automatically
 upgraded when the master switch receives a new software version. Automatic software
 version checking and updating help ensure that all stack members have the same software
 version.
- Autonegotiation on all ports automatically selects half- or full-duplex transmission mode to optimize bandwidth.
- Dynamic Trunking Protocol (DTP) facilitates dynamic trunk configuration across all switch ports.
- Port Aggregation Protocol (PAgP) automates the creation of Cisco Fast EtherChannel[®] groups or Gigabit EtherChannel groups to link to another switch, router, or server.
- Link Aggregation Control Protocol (LACP) allows the creation of Ethernet channeling with devices that conform to IEEE 802.3ad. This feature is similar to Cisco EtherChannel technology and PAgP.
- Automatic media-dependent interface crossover (MDIX) automatically adjusts transmit and receive pairs if an incorrect cable type (crossover or straight-through) is installed.
- Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD allow unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces.

High Availability

The Cisco Catalyst 3750-E Series increases availability for stackable switches. Each switch can operate both as master controller and as forwarding processor. Each switch in the stack can serve as a master, creating a 1:N availability scheme for network control. In the unlikely event of a single unit failure, all other units continue to forward traffic and maintain operation.

Other high-availability features include but are not limited to:

- Cross-Stack EtherChannel provides the ability to configure Cisco EtherChannel technology across different members of the stack for high resiliency.
- Flexlink provides link redundancy with convergence time less than 100 ms.
- IEEE 802.1s/w Rapid Spanning Tree Protocol (RSTP) and Multiple Spanning Tree Protocol (MSTP) provide rapid spanning-tree convergence independent of spanning-tree timers and also offers the benefit of Layer 2 load balancing and distributed processing. Stacked units behave as a single spanning-tree node.
- Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree reconvergence on a per-VLAN spanning-tree basis, without requiring the implementation of spanning-tree instances.
- Cisco Hot Standby Router Protocol (HSRP) is supported to create redundant, failsafe routing topologies.
- Switch-port autorecovery (Errdisable) automatically attempts to reactivate a link that is disabled because of a network error.

High-Performance IP Routing

Cisco Express Forwarding hardware routing architecture delivers extremely high-performance IP routing in the Cisco Catalyst 3750-E Series Switches.

- IP unicast routing protocols (Static, Routing Information Protocol Version 1 [RIPv1], and RIPv2, RIPng, EIGRP stub) are supported for small-network routing applications.
- Advanced IP unicast routing protocols (OSPF, EIGRP, BGPv4 and IS-ISv4) are supported for load balancing and constructing scalable LANs. IPv6 routing (OSPFv3, EIGRPv6) is supported in hardware for maximum performance. The IP Services feature set is required.
- Equal-cost routing facilitates Layer 3 load balancing and redundancy across the stack.
- Policy-based routing (PBR) allows superior control by facilitating flow redirection regardless
 of the routing protocol configured. The IP Services feature set is required.
- HSRP provides dynamic load balancing and failover for routed links, up to 32 HSRP links supported per unit or stack.
- Protocol Independent Multicast (PIM) for IP multicast routing is supported, including PIM sparse mode (PIM-SM), PIM dense mode (PIM-DM), PIM sparse-dense mode and Source Specific Multicast (SSM). The IP Services feature set is required.

Superior Quality of Service

The Cisco Catalyst 3750-E Series offers Gigabit Ethernet speed with intelligent services that keep everything flowing smoothly, even at 10 times the normal network speed. Industry-leading mechanisms for marking, classification, and scheduling deliver superior performance for data, voice, and video traffic, all at wire speed.

Following are some of the QoS features supported in the Cisco Catalyst 3750-E Series Switches:

- Cross-stack QoS allows QoS to be configured across the entire stack.
- 802.1p class of service (CoS) and differentiated services code point (DSCP) field classification is provided, using marking and reclassification on a per-packet basis by source and destination IP address, MAC address, or Layer 4 TCP/UDP port number.
- Cisco control-plane and data-plane QoS ACLs on all ports help ensure proper marking on a per-packet basis.
- Four egress queues per port help enable differentiated management of up to four traffic types across the stack.
- Shaped Round Robin (SRR) scheduling helps ensure differential prioritization of packet flows by intelligently servicing the ingress queues and egress queues.
- Weighted Tail Drop (WTD) provides congestion avoidance at the ingress and egress queues before a disruption occurs.
- Strict priority queuing helps ensure that the highest-priority packets are serviced ahead of all other traffic.
- The Cisco committed information rate (CIR) function provides bandwidth in increments as low as 8 Kbps.
- Rate limiting is provided based on source and destination IP address, source and destination MAC address, Layer 4 TCP/UDP information, or any combination of these fields, using QoS ACLs (IP ACLs or MAC ACLs), class maps, and policy maps.

 Up to 64 aggregate or individual policers are available per Fast Ethernet or Gigabit Ethernet port.

Advanced Security

The Cisco Catalyst 3750-E Series supports a comprehensive set of security features for connectivity and access control, including ACLs, authentication, port-level security, and identity-based network services with 802.1x and extensions. This set of comprehensive features not only helps prevent external attacks, but defends the network against "man-in-the-middle" attacks, a primary concern in today's business environment. The switch also supports the Network Admission Control (NAC) security framework.

- Dynamic ARP Inspection (DAI) helps ensure user integrity by preventing malicious users from exploiting the insecure nature of the ARP protocol.
- DHCP Snooping prevents malicious users from spoofing a DHCP server and sending out bogus addresses. This feature is used by other primary security features to prevent a number of other attacks such as ARP poisoning.
- IP source guard prevents a malicious user from spoofing or taking over another user's IP address by creating a binding table between the client's IP and MAC address, port, and VLAN.
- Private VLANs restrict traffic between hosts in a common segment by segregating traffic at Layer 2, turning a broadcast segment into a nonbroadcast multi-access-like segment.
- Private VLAN Edge provides security and isolation between switch ports, which helps ensure that users cannot snoop on other users' traffic.
- Unicast RPF feature helps mitigate problems caused by the introduction of malformed or forged (spoofed) IP source addresses into a network by discarding IP packets that lack a verifiable IP source address.
- IEEE 802.1x allows dynamic, port-based security, providing user authentication.
- IEEE 802.1x with VLAN assignment allows a dynamic VLAN assignment for a specific user regardless of where the user is connected.
- IEEE 802.1x with voice VLAN permits an IP phone to access the voice VLAN irrespective of the authorized or unauthorized state of the port.
- IEEE 802.1x and port security are provided to authenticate the port and manage network access for all MAC addresses, including that of the client.
- IEEE 802.1x with an ACL assignment allows for specific identity-based security policies regardless of where the user is connected.
- IEEE 802.1x with guest VLAN allows guests without 802.1x clients to have limited network access on the guest VLAN.
- Web authentication for non-802.1x clients allows non-802.1x clients to use an SSL-based browser for authentication.
- Multi-Domain Authentication allows an IP phone and a PC to authenticate on the same switch port while placing them on appropriate Voice and Data VLAN.
- MAC Auth Bypass (MAB) for voice allows third-party IP phones without an 802.1x supplicant to get authenticated using the MAC address.
- Cisco security VLAN ACLs on all VLANs prevents unauthorized data flows from being bridged within VLANs.

- Cisco standard and extended IP security router ACLs define security policies on routed interfaces for control-plane and data-plane traffic. IPv6 ACLs can be applied to filter IPv6 traffic.
- Port-based ACLs for Layer 2 interfaces allow security policies to be applied on individual switch ports.
- Secure Shell (SSH) Protocol, Kerberos, and Simple Network Management Protocol Version 3 (SNMPv3) provide network security by encrypting administrator traffic during Telnet and SNMP sessions. SSH Protocol, Kerberos, and the cryptographic version of SNMPv3 require a special cryptographic software image because of U.S. export restrictions.
- Bidirectional data support on the Switched Port Analyzer (SPAN) port allows Cisco Intrusion
 Detection System (IDS) to take action when an intruder is detected.
- TACACS+ and RADIUS authentication facilitates centralized control of the switch and restricts unauthorized users from altering the configuration.
- MAC Address Notification allows administrators to be notified of users added to or removed from the network.
- Port Security secures the access to an access or trunk port based on MAC address.
- Multilevel security on console access prevents unauthorized users from altering the switch configuration.
- Bridge protocol data unit (BPDU) Guard shuts down Spanning Tree PortFast-enabled interfaces when BPDUs are received to avoid accidental topology loops.
- Spanning Tree Root Guard (STRG) prevents edge devices not in the network administrator's control from becoming Spanning Tree Protocol root nodes.
- IGMP filtering provides multicast authentication by filtering out nonsubscribers and limits the number of concurrent multicast streams available per port.
- Dynamic VLAN assignment is supported through implementation of VLAN Membership Policy Server client capability to provide flexibility in assigning ports to VLANs. Dynamic VLAN facilitates the fast assignment of IP addresses.

Intelligent Power over Ethernet (PoE) Management

The Cisco Catalyst 3750-E PoE models support Cisco IP phones and Cisco Aironet WLAN access points, as well as any IEEE 802.3af-compliant end device. The Cisco Catalyst 3750-E-48PD can support 48 simultaneous full-powered PoE ports at 15.4W with the 1150W power supply.

- Cisco Discovery Protocol version 2 (CDPv2) allows the Cisco Catalyst 3750-E Series
 Switch to negotiate a more granular power setting when connecting to a Cisco powered device such as IP phones or access points than what is provided by IEEE classification.
- Per Port power consumption command allows customers to specify maximum power setting on an individual port.
- Per Port PoE Power Sensing measures actual power being drawn, enabling more intelligent control of powered devices.
- The PoE MIB provides proactive visibility into power usage and allows customers to set different power level thresholds

Management and Control Features

Each Cisco Catalyst 3750-E Series stack is managed as a single object and has a single IP address. The primary management and control features in the Cisco Catalyst 3750-E Switches include:

- Cisco IOS Software CLI support provides common user interface and command set with all Cisco routers and Cisco Catalyst desktop switches.
- Switching Database Manager Templates for access, routing, and VLAN deployment allow the administrator to easily maximize memory allocation to the desired features based on deployment-specific requirements.
- Generic On-Line Diagnostic (GOLD) checks the health of hardware components and verifies proper operation of the system data and control plane at run time and boot time.
- Virtual routing and forwarding (VRF)-Lite enables a service provider to support two or more VPNs, with overlapping IP addresses.
- Local Proxy Address Resolution Protocol (ARP) works in conjunction with Private VLAN
 Edge to minimize broadcasts and maximize available bandwidth.
- VLAN1 minimization allows VLAN1 to be disabled on any individual VLAN trunk.
- Smart Multicast, with Cisco StackWise Plus technology, allows the Cisco Catalyst 3750-E
 Series to offer greater efficiency and support for more multicast data streams such as video by putting each data packet onto the backplane only once.
- Internet Group Management Protocol (IGMP) Snooping for IPv4 and IPv6 MLD v1 and v2 Snooping provide fast client joins and leaves of multicast streams and limit bandwidthintensive video traffic to only the requestors.
- Multicast VLAN Registration (MVR) continuously sends multicast streams in a multicast VLAN while isolating the streams from subscriber VLANs for bandwidth and security reasons.
- Per-port broadcast, multicast, and unicast storm control prevents faulty end stations from degrading overall systems performance.
- Voice VLAN simplifies telephony installations by keeping voice traffic on a separate VLAN for easier administration and troubleshooting.
- Cisco VLAN Trunking Protocol (VTP) supports dynamic VLANs and dynamic trunk configuration across all switches.
- Remote Switch Port Analyzer (RSPAN) allows administrators to remotely monitor ports in a Layer 2 switch network from any other switch in the same network.
- For enhanced traffic management, monitoring, and analysis, the Embedded Remote
 Monitoring (RMON) software agent supports four RMON groups (history, statistics, alarms,
 and events).
- Layer 2 traceroute eases troubleshooting by identifying the physical path that a packet takes from source to destination.
- Trivial File Transfer Protocol (TFTP) reduces the cost of administering software upgrades by downloading from a centralized location.
- Network Timing Protocol (NTP) provides an accurate and consistent timestamp to all intranet switches.

- Multifunction LEDs per port for port status; half-duplex and full-duplex mode; and 10BASE-T, 100BASE-TX, and 1000BASE-T indication as well as switch-level status LEDs for system, redundant-power supply, and bandwidth utilization provide a comprehensive and convenient visual management system.
- Jumbo frames (9216 bytes) are available on the 10/100/1000 configurations for advanced data and video applications requiring very large frames.

Network Management Tools

The Cisco Catalyst 3750-E Series offers both a superior CLI for detailed configuration and Cisco Network Assistant Software, a PC-based tool for quick configuration based on preset templates. In addition, CiscoWorks LAN Management Solution (LMS) supports the Cisco Catalyst 3750-E Series for networkwide management.

Cisco Network Assistant

A PC-based network management application designed for small and medium-sized business (SMB) networks with up to 250 users, Cisco Network Assistant offers centralized network management and configuration capabilities. Cisco Network Assistant uses Cisco Smartports technology to simplify both initial deployment and ongoing maintenance. This application also features an intuitive GUI where users can easily apply common services across Cisco switches, routers, and access points, such as:

- · Configuration management
- · Troubleshooting advice
- · Inventory reports
- · Event notification
- · Network security settings
- · Password synchronization
- Drag-and-drop Cisco IOS Software upgrades
- Secure wireless

For detailed information about Cisco Network Assistant, visit http://www.cisco.com/go/cna.

CiscoWorks LAN Management Solution (LMS)

CiscoWorks LMS is a suite of powerful management tools that simplify the configuration, administration, monitoring and troubleshooting of Cisco networks. It integrates these capabilities into a world-class solution for improving the accuracy and efficiency of your operations staff, while increasing the overall availability of your network. LMS supports over 400 different device types including the 3750-E and 3560-E series switches and it provides:

- · Network discovery, topology views, end-station tracking and VLAN management
- · Real-time network fault analysis with easy-to-deploy device specific best-practice templates
- Hardware and software inventory management, centralized configuration tools, and Syslog monitoring
- Network response time and availability monitoring and tracking
- Real-time device, link, and port traffic management, analysis, and reporting

For detailed information about CiscoWorks LMS, go to http://www.cisco.com/en/US/products/sw/cscowork/ps2425/index.html

Product Specifications

Table 2 lists product specifications for the Cisco Catalyst 3750-E Series.

 Table 2.
 Descriptions and Specifications

Description	Specification				
Performance	160-Gbps switching fabric capacity Stack-forwarding rate of 95 Mpps for 64-byte packets Forwarding rate: 3750E-24TD—65.5 Mpps 3750E-24PD—65.5 Mpps 3750E-48TD—101.2 Mpps 3750E-48PD—101.2 Mpps 3750E-48PDF—101.2 Mpps Memory: 256 MB DRAM and 64 MB FLASH Feature resources: 1005 VLANs 4K VLAN IDs 1000 switched virtual interfaces (SVIs) 468 routed ports per stack 9216 byte jumbo frames MAC, routing, security, and QoS scalability numbers depend on the type template used in the switch:				
		Access	Default	Routing	VLAN
	Unicast MAC addresses	4K	6K	3К	12K
	IGMP groups and multicast routes	1K	1K	1K	1K
	Unicast routes	6K	8K	11K	0
	Directly connected hosts	4K	6K	3K	0
	Indirect routes	2K	2K	8K	0
	Policy-based routing ACEs	0.5K	0	0.5K	0
	QoS classification ACEs	0.5K	0.5K	0.5K	0.5K
	Security ACEs	2K	1K	1K	1K
	VLANs	1K	1K	1K	1K
Connectors and Cabling	1000BASE-T SFP-based ports: RJ-45 connectors, 2-pair Cat-5E UTP cabling 100BASE-FX, 1000BASE-SX, -LX/LH, -ZX, -BX10, and CWDM SFP-based ports: LC fiber connectors (single-mode or multimode fiber) 10GBASE-SR, LR, ER, LX4, CX4 X2-based ports: SC fiber connectors (single-mode or multimode fiber) Cisco StackWise stacking ports: copper-based Cisco StackWise cabling Ethernet Management port: RJ-45 connectors, 2-pair Cat-5 UTP cabling Management console port: RJ-45-to-DB9 cable for PC connections			sed ports: LC single-mode	
Power Connectors	Customers can provide power to the Cisco RPS 2300. The conner Internal power supply connector The internal power supply supports supplied AC power cord to conner Cisco RPS connector: The conner 2300 that uses AC input and support to the cisco RPS 2300 (moder redundant-power-supply receptar)	ectors are loca : The internal orts input volta ect the AC po lector offers or oplies DC outp el PWR2300-A	ted at the bac power supply iges between wer connector onnection for a but to the swite	k of the switch is an autorare 100 and 240 r to an AC posen optional Coh.	ch. nging unit. VAC. Use the ower outlet. isco RPS

Indicators	 Per-port status LEDs: link integrity, disabled, activity, speed, and full-duplex indications
	System-status LEDs: system, RPS, and bandwidth-utilization indications

Dimensions (H x W x D)		Inches	Centimeters	
	3750E-24TD	1.75 x 17.5 x 18.1	4.45 x 44.5 x 46.0	
	3750E-24PD	1.75 x 17.5 x 18.1	4.45 x 44.5 x 46.0	
	3750E-48TD	1.75 x 17.5 x 18.1	4.45 x 44.5 x 46.0	
	3750E-48PD	1.75 x 17.5 x 18.1	4.45 x 44.5 x 46.0	
	3750E-48PD-F	1.75 x 17.5 x 21.7	4.45 x 44.5 x 55.2	
Weight		Pounds	Kilograms	
	3750E-24TD	17.9	8.1	
	3750E-24PD	18.3	8.3	
	3750E-48TD	18.8	8.6	
	3750E-48PD	19.2	8.75	
	3750E-48PD-F	20.9	9.5	
	 Storage temperature: -13 to 158°F (-25 to 70°C) Relative humidity operating: 10 to 85% (noncondensing) Relative humidity nonoperating: 0 to 95% (noncondensing) Operating altitude: up to 10,000 ft (3049 m) Storage altitude: up to 15,000 ft (4573 m) 			
Acoustic Noise	International Organization for Standardization (ISO) 7779: bystander position operating to an ambient temperature of 30°C			
	3750E-24TD	4	45 dB	
	3750E-24PD	4	45 dB	
	3750E-48TD		45 dB	
	3750E-48PD	4	45 dB	
	3750E-48PD-F 48 dB			
Mean Time Between	3750E-24TD 177,975 hours		177,975 hours	
Failure (MTBF)	3750E-24PD 33750E-48TD		167,107 hours	
			166,369 hours	
	3750E-48PD		153,265 hours	
	3750E-48PD-F		149,667 hours	

Table 3 lists the management and standards support for the Cisco Catalyst 3750-E Series.

 Table 3.
 Management and Standards Support for Cisco Catalyst 3750-E Series Switch

Description	Specification	
Management	BRIDGE-MIB CISCO-CDP-MIB CISCO-CLUSTER-MIB CISCO-CONFIG-MAN-MIB CISCO-ENTITY-FRU-CONTROL-MIB CISCO-ENVMON-MIB CISCO-FLASH-MIB CISCO-FTP-CLIENT-MIB CISCO-HSRP-MIB CISCO-HSRP-EXT-MIB CISCO-IGMP-FILTER-MIB CISCO-IMAGE-MIB CISCO-P-STAT-MIB CISCO-POE-EXTENSIONS-MIB CISCO-MAC-NOTIFICATION-MIB CISCO-PAGP-MIB CISCO-PAGP-MIB CISCO-PROCESS-MIB CISCO-PROCESS-MIB CISCO-SYSLOG-MIB CISCO-SYSLOG-MIB CISCO-SYSLOG-MIB CISCO-TCP-MIB CISCO-VLAN-IFTABLE-RELATIONSHIP-MIB	CISCO-VTP-MIB ENTITY-MIB ETHERLIKE-MIB IF-MIB IGMP-MIB IPMROUTE-MIB OLD-CISCO-CHASSIS-MIB OLD-CISCO-FLASH-MIB OLD-CISCO-INTERFACES-MIB OLD-CISCO-IP-MIB OLD-CISCO-IP-MIB OLD-CISCO-SYS-MIB OLD-CISCO-TCP-MIB OLD-CISCO-TS-MIB OLD-CISCO-TS-MIB FREC1213-MIB RFC1213-MIB RFC1253-MIB RMON-MIB RMON2-MIB SNMP-FRAMEWORK-MIB SNMP-FRAMEWORK-MIB SNMP-NOTIFICATION-MIB SNMP-TARGET-MIB SNMPV2-MIB SNMPV2-MIB TCP-MIB
Standards	CISCO-VLAN-MEMBERSHIP-MIB IEEE 802.1s IEEE 802.1w IEEE 802.1x IEEE 802.3ad IEEE 802.3af IEEE 802.3x full duplex on 10BASE-T, 100BASE-TX, and 1000BASE-T ports IEEE 802.1D Spanning Tree Protocol IEEE 802.1p CoS Prioritization IEEE 802.1Q VLAN IEEE 802.3 10BASE-T specification IEEE 802.3u 100BASE-TX specification IEEE 802.3z 1000BASE-TX specification IEEE 802.3z 1000BASE-X specification IEEE 802.3z 1000BASE-X specification 100BASE-FX 1000BASE-FX 1000BASE-SX 1000BASE-LX/LH	UDP-MIB 1000BASE-BX10-U 1000BASE-BX10-D 1000BASE-ZX 1000BASE-CWDM SFP 1470 nm 1000BASE-CWDM SFP 1490 nm 1000BASE-CWDM SFP 1510 nm 1000BASE-CWDM SFP 1530 nm 1000BASE-CWDM SFP 1530 nm 1000BASE-CWDM SFP 1570 nm 1000BASE-CWDM SFP 1570 nm 1000BASE-CWDM SFP 1570 nm 1000BASE-CWDM SFP 1610 nm 100BASE-CWDM SFP 1610 nm 10GBASE-SR 10GBASE-LR 10GBASE-LR RMON I and II standards SNMPv1, SNMPv2c, and SNMPv3

Table 4 lists the power supply compatibility matrix for all different models of Cisco Catalyst 3750-E Series Switches.

 Table 4.
 Power Supply Compatibility Matrix

Cisco Catalyst 3750-E Series Switch Type	Power Supply			
	C3K-PWR- 1150WAC	C3K-PWR- 750WAC	C3K-PWR- 265WAC	C3K-PWR- 265WDC
48-Port PoE Switch	Х	Х		
24-Port PoE Switch	Х	Х		
48-Port Switch	Х	Х	Х	Х
24-Port Switch	Х	Х	Х	Х
RPS 2300	Х	Х		

Table 5 lists the power specifications for the Cisco Catalyst 3750-E Series based on the kind of power supply used.

 Table 5.
 Power Specifications

Description	Specification			
	C3K-PWR- 1150WAC	C3K-PWR- 750WAC	C3K-PWR- 265WAC	C3K-PWR- 265WDC
Power Supply Rated Maximum	1150W	750W	265W	265W
Total Output BTU (Note: 1000 BTU/hr = 293W)	3939 BTU/hr, 1150W	2568 BTU/hr, 765W	907BTU/hr, 265W	907BTU/hr, 265W
Input-Voltage Range and Frequency	115–240VAC, 50–60 Hz	100–240VAC, 50–60 Hz	100–240VAC, 50–60 Hz	-36VDC to - 72VDC
Input Current	12–6A	10–5A	5–2.5A	<5A@-72VDC <10A@-36VDC
Output Ratings	12V@25A -52V@16.4A	12V@25A -52V@8.75A	12V@22A	12V@22A
Output Holdup Time	20 ms minimum	20 ms minimum	20 ms minimum	> 2ms@-48VDC
Power-Supply Input Receptacles	IEC 320-C14 (IEC60320-C14)	IEC 320-C14 (IEC60320-C14)	IEC 320-C14 (IEC60320-C14)	
Power Cord Rating	15A	15A	15A	12A@-100VDC

Description	Specifications	Specifications				
	WS-C3750E- 48PD-SF	WS-C3750E- 24PD-S	WS-C3750E- 48PD-S	WS-C3750E- 24TD-S	WS-C3750E- 48TD-S	
	C3K-PWR- 1150WAC	C3K-PWR- 750WAC	C3K-PWR- 750WAC	C3K-PWR- 265WAC	C3K-PWR- 265WAC	
100% Throughput						
Measured Power Consumption	152W	101W	131W	99W	149W	
Measured Output BTU/hr	516	344	445	338	506	
5% Throughput						
Measured Power Consumption	142W	97W	124W	96W	140W	
Measured Output BTU/hr	482	331	420	326	475	

5% Throughput (wi	5% Throughput (with 50% PoE loads)				
Measured Power Consumption	Switch Power: 564W PoE Power: 386W	Switch Power: 304W PoE Power: 195W	Switch Power: 333W PoE Power: 196W	N/A	N/A
Measured Output BTU/hr	At the Switch: 608	At the Switch: 372	At the Switch: 468	N/A	N/A
100% Throughput (with maximum poss	ible PoE loads)			
Measured Power Consumption	Switch Power: 978W	Switch Power: 509W	Switch Power: 540W	N/A	N/A
	PoE Power: 744W	PoE Power: 375W	PoE Power: 375W		
Measured Output BTU/hr	At the Switch: 796	At the Switch: 456	At the Switch: 562	N/A	N/A

Note:

Disclaimer: All power consumption numbers were measured under controlled laboratory conditions and are provided as an estimate.

The wattage rating on the power supply does not represent actual power draw. It indicates the maximum power draw possible by the power supply. This rating can be used for facility capacity planning. For PoE switches, cooling requirements are smaller than the actual power consumption as a significant portion of PoE loads are dissipated in the endpoints.

Non-PoE Power Consumption

100 Percent Throughput Switch Power Consumption

The numbers indicate the power consumed by a typical switch under normal conditions. Normal conditions signify a temperature of 25 degrees Celsius, atmospheric pressure in the range of 860 to 1060 mbar, and relative humidity from 30 to 75 percent. Typically such power draws are only seen when encountering a 100 percent traffic load made up entirely of 64-byte packets on the switch and the uplinks.

5 Percent Throughput Switch Power Consumption

The numbers indicate the power consumed by a typical switch under normal conditions. Normal conditions signify a temperature of 25 degrees Celsius, atmospheric pressure in the range of 860 to 1060 mbar, and relative humidity from 30 to 75 percent. The numbers below indicate a 5 percent traffic load on the switch and its uplinks.

PoE Power Consumption

100 Percent Throughput Switch Power Consumption (no PoE loads)

The numbers indicate the power consumed by a typical switch under normal conditions. Normal conditions signify a temperature of 25 degrees Celsius, atmospheric pressure in the range of 860 to 1060 mbar, and relative humidity from 30 to 75 percent. Typically such power draws are only seen when encountering a 100 percent traffic load made up entirely of 64-byte packets with no PoE loads on the switch and uplinks.

Measured 5 Percent Throughput Switch Power Consumption (no PoE loads)

The numbers indicate the power consumed by a typical switch under normal conditions. Normal conditions signify a temperature of 25 degrees Celsius, atmospheric pressure in the range of 860 to 1060 mbar and relative humidity from 30 to 75 percent. The numbers below indicate a 5 percent traffic load on the switch and its uplinks

100 Percent Throughput Switch Power Consumption (with maximum PoE loads)

The numbers indicate the power consumed by a typical system (the switch and the corresponding PoE loads) under normal conditions. Normal conditions signify a temperature of 25 degrees Celsius, atmospheric pressure in the range of 860 to 1060 mbar and relative humidity from 30 to 75 percent. Typically this power draw is realized when a switch is running 100 percent traffic load of 64 byte sized packets on all its ports and uplinks and also drawing 100 percent PoE load.

5 Percent Throughput Switch Power Consumption (with 50 percent PoE loads).

The numbers indicate the power consumed by a typical system (the switch and the corresponding PoE loads) under normal conditions. Normal conditions signify a temperature of 25 degrees Celsius, atmospheric pressure in the range of 860 to 1060 mbar and relative humidity from 30 to 75 percent. The numbers below indicate a 5 percent traffic load and 50 percent PoE load on the switch and its uplinks.

Table 6 lists the specifications of all the power supplies supported in Cisco Catalyst 3750-E Series Switches.

Table 6. Power Supply Specifications

Product Specifications	Power Supply				
	C3K-PWR- 1150WAC	C3K-PWR- 750WAC	C3K-PWR- 265WAC	C3K-PWR- 265WDC	
Physical Specifications	(H x W x D): 1.65 X 6.0 X 14.90 in	(H x W x D): 1.65 X 6.0 X 11.4 in	(H x W x D): 1.65 X 6.0 X 11.4 in	(H x W x D): 1.65 X 6.0 X 11.4 in	
	Weight: 5.6 lb (2.6 kg)	Weight: 3.9 lb (1.8 kg)	Weight: 3.3 lb (1.5 kg)	Weight: 3.5 lb (1.6 kg)	
Operating Temperature	23 to 113℉ (–5 to 45℃	C)			
Storage Temperature	-40 to 158℉ (-40 to 7	'0℃)			
Relative Humidity Operating, Noncondensing	10 to 85% nonconden	sing			
Relative Humidity Nonoperating, Noncondensing	0 to 95% noncondens	ing			
Altitude	10,000 ft. (3000 meter	rs), up to 45℃			
MTBF	Calculated MTBF must be greater than 300,000 using Telcordia SR-332, Method 1, Case 3. Demonstrated MTBF is 500,000 hr (with 90% confidence level).				
EMI and EMC Compliance	FCC Part 15 (CFR 47) Class A				
	• ICES-003 Class A				
	• EN 55022 Class A				
	CISPR 22 Class A AS(A)75 2540 Class A				
	AS/NZS 3548 Class A VCCI Class A				
	• EN 55024				
	• EN300 386				
	• EN 50082-1				
	• EN 61000-3-2				
	• EN 61000-3-3				
	• EN 61000-6-1				
Safety Compliance	• UL 60950-1 1 st Ed	lition			
	• CAN/CSA-C22.2 No. 60950-1 1 st Edition				
	• EN 60950-1 1 st Edition				
	• IEC 60950-1 1 st E	dition			
LED Indicators	"AC OK": Input power	to the power supply is	OK.		
	"PS OK": Output powe	er from the power suppl	y is OK.		

Table 7 lists the safety and compliance information for the Cisco Catalyst 3750-E Series.

Table 7. Safety and Compliance

Description	Specification	
Safety Certifications	 UL60950-1 C-UL to CAN/CSA 22.2 No.60950-1 TUV/GS to EN 60950-1 CB to IEC 60950-1 with all country deviations AS/NZS 60950-1 CE Marking CCC for PS FRU NOM (through partners and distributors) GOST (Russia Safety Mark) 	
Electromagnetic Emissions Certifications	FCC Part 15 Class A EN 55022B Class A (CISPR22 Class A) VCCI Class A AS/NZS 3548 Class A or AS/NZS CISPR22 Class A MIC CE Marking GOST (Russian mark—Post FCS thru partners) CCC for PS FRU	
Environmental	Reduction of Hazardous Substances (ROHS) 5	
Noise Specifications	Office Product Spec: 48dBA at 30℃ (refer to ISO 7779)	
Telco	CLEI code	
Warranty	Limited Lifetime Warranty	

Hardware Warranty

Cisco Catalyst 3750-E Series Switches come with the Standard Cisco Limited Lifetime Warranty for hardware, as described at

http://www.cisco.com/en/US/docs/general/warranty/English/LH2DEN__.html.

Cisco Services for Access Switching

Cisco and our partners can help you create a robust, dependable Cisco Access Switching solution. The Cisco lifecycle approach to services defines the requisite activities at each phase of the solution lifecycle. Assessments help align your solution to business goals and gauge readiness to support new technology. Effective planning and design expedite solution adoption. Award-winning technical support increases operational efficiency and optimization improves performance, resiliency, stability, and predictability and prepares your network and teams for change. For more information, visit http://www.cisco.com/go/services.

Ordering Information

Table 8 lists ordering information for the Cisco Catalyst 3750-E Series. To place an order, visit the Cisco Ordering homepage at

http://www.cisco.com/en/US/ordering/or13/or8/order customer help how to order listing.html

 Table 8.
 Cisco Catalyst 3750-E Series Ordering Info

Product Number	Product Description
Catalyst 3750-E Series	
WS-C3750E-24TD-S	 24 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 265WAC power supply and fan tray 1 rack unit (RU) stackable multilayer switch IPv6 IP Base software feature set (IPB)
WS-C3750E-24TD-E	 24 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 265WAC power supply and fan tray 1 rack unit (RU) stackable multilayer switch IPv6 IP Services software feature set (IPS) Provides full IPv6 dynamic routing
WS-C3750E-48TD-S	 48 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 265WAC power supply and fan tray 1 rack unit (RU) stackable multilayer switch IPv6 IP Base software feature set (IPB)
WS-C3750E-48TD-E	 48 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 265WAC power supply and fan tray 1 rack unit (RU) stackable multilayer switch IPv6 IP Services software feature set (IPS) Provides full IPv6 dynamic routing
WS-C3750E-24PD-S	 24 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 750WAC power supply and fan tray 420W available for Cisco Enhanced PoE, allowing > 15.4W to all 24 ports 1 rack unit (RU) stackable multilayer switch IPv6 IP Base software feature set (IPB)
WS-C3750E-24PD-E	 24 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 750WAC power supply and fan tray 420W available for Cisco Enhanced PoE, allowing > 15.4W to all 24 ports 1 rack unit (RU) stackable multilayer switch IPv6 IP Services software feature set (IPS)

	Provides full IPv6 dynamic routing	
WS-C3750E-48PD-S	 48 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 750WAC power supply and fan tray 420W available for Cisco Enhanced PoE allowing > 15.4W for up to 24 ports 1 rack unit (RU) stackable multilayer switch IPv6 	
	IP Base software feature set (IPB)	
WS-C3750E-48PD-E	 48 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 750WAC power supply and fan tray 420W available for Cisco Enhanced PoE allowing > 15.4W for up to 24 ports 1 rack unit (RU) stackable multilayer switch IPv6 IP Services software feature set (IPS) Provides full IPv6 dynamic routing 	
WS-C3750E-48PD-SF	 48 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 1150WAC power supply and fan tray 800W available for Cisco Enhanced PoE, allowing > 15.4W to all 48 ports 1 rack unit (RU) stackable multilayer switch IPv6 IP Base software feature set (IPB) 	
WS-C3750E-48PD-EF	48 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports 64-Gbps, high-speed StackWise Plus stacking 160-Gbps wire rate, nonblocking switching fabric capacity Field-replaceable 1150WAC power supply and fan tray 800W available for Cisco Enhanced PoE, allowing > 15.4W to all 48 ports 1 rack unit (RU) stackable multilayer switch IPv6 IP Services software feature set (IPS) Provides full IPv6 dynamic routing	
Catalyst 3750-E Series Product Activation Keys		
3750E-LIC=		
Catalyst 3750-E Series Product Activation	n Keys	
3750E-IPSLCB-QTY	IP Services for 3750-E 24 ports, upgrade from IP Base	
3750E48-IPSLCB-QTY	IP Services for 3750-E 48 ports, upgrade from IP Base	
Power Supplies for the Catalyst 3750-E Series		
C3K-PWR-265WAC=	Catalyst 3750-E/3560-E 265WAC power supply	
C3K-PWR-265WDC=	Catalyst 3750-E/3560-E 265WDC power supply	
C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply	
CSK-FVVK-113UVVAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply	

C3K-BLWR-60CFM=	Fan Module for the Catalyst 3750-E/3560-E
Redundant Power System for the Catalys	t 3750-E Series
PWR-RPS2300	RPS 2300
ACC-RPS2300=	Spare Accessory Kit
BLNK-RPS2300=	Spare Bay Insert
CAB-RPS2300=	Spare RPS Cable for Cisco Redundant Power System 2300
CAB-RPS2300-E=	Spare RPS 2300 cable
PWR-RPS2300=	Spare RPS Cable RPS 2300 Cat 3750E/3560E Switches
BLWR-RPS2300=	Spare RPS 2300 Blower
C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply
C3K-PWR-1150WAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply
TwinGig Converter Module for the Catalys	st 3750-E Series
CVR-X2-SFP	TwinGig Converter Module
CVR-X2-SFP=	TwinGig Converter Module
SFPs for the Catalyst 3750-E Series	
GLC-GE-100FX=	100FX SFP on GE SFP ports for DSBU switches
GLC-LH-SM=	GE SFP, LC connector LX/LH transceiver
GLC-SX-MM=	GE SFP, LC connector SX transceiver
GLC-T=	1000BASE-T SFP
GLC-ZX-SM=	1000BASE-ZX SFP
GLC-BX-D=	1000BASE-BX SFP, 1490NM
GLC-BX-U=	1000BASE-BX SFP, 1310NM
CWDM-SFP-1470=	CWDM 1470 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1490=	CWDM 1490 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1510=	CWDM 1510 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1530=	CWDM 1530 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1550=	CWDM 1550 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1570=	CWDM 1570 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1590=	CWDM 1590 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1610=	CWDM 1610 NM SFP Gigabit Ethernet and 1G/2G FC
DWDM-SFP-3033=	DWDM SFP 1530.33 nm SFP (100 GHz ITU grid)
DWDM-SFP-3112=	DWDM SFP 1531.12 nm SFP (100 GHz ITU grid)
DWDM-SFP-3190=	DWDM SFP 1531.90 nm SFP (100 GHz ITU grid)
DWDM-SFP-3268=	DWDM SFP 1532.68 nm SFP (100 GHz ITU grid)
DWDM-SFP-3425=	DWDM SFP 1534.25 nm SFP (100 GHz ITU grid)
DWDM-SFP-3504=	DWDM SFP 1535.04 nm SFP (100 GHz ITU grid)
DWDM-SFP-3582=	DWDM SFP 1535.82 nm SFP (100 GHz ITU grid)
DWDM-SFP-3661=	DWDM SFP 1536.61 nm SFP (100 GHz ITU grid)
DWDM-SFP-3819=	DWDM SFP 1538.19 nm SFP (100 GHz ITU grid)
DWDM-SFP-3898=	DWDM SFP 1538.98 nm SFP (100 GHz ITU grid)
DWDM-SFP-3977=	DWDM SFP 1539.77 nm SFP (100 GHz ITU grid)
DWDM-SFP-4056=	DWDM SFP 1540.56 nm SFP (100 GHz ITU grid)
DWDM-SFP-4214=	DWDM SFP 1542.14 nm SFP (100 GHz ITU grid)
DWDM-SFP-4294=	DWDM SFP 1542.94 nm SFP (100 GHz ITU grid)
DWDM-SFP-4373=	DWDM SFP 1543.73 nm SFP (100 GHz ITU grid)
DWDM-SFP-4453=	DWDM SFP 1544.53 nm SFP (100 GHz ITU grid)

X2-10GB-ER	X2 for Catalyst 3750-E Series		
X2-10GB-SR=	X2-10GB-ER=	10GBASE-ER X2 Module	
X2-10GB-CX4=	X2-10GB-LR=	10GBASE-LR X2 Module	
X2-10GB-LX4= 10GBASE-LXM X2 Module X2-10GB-LRM= 10GBASE-LRM X2 Module LC to SC Cables for the Catalyst 3750-E Series CSS11500 10-Meter Fiber Single Mode LX LC-to-SC Connectors CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC Connectors CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors StackWise Cables CAB-STACK-50CM= Cisco StackWise 50CM Stacking Cable CAB-STACK-1ME Cisco StackWise 1M Stacking Cable CAB-STACK-30M= Cisco StackWise 3M Stacking Cable CAB-STACK-50CM-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-50CM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC Power Cord, 110V CAB-ACC Power Cord, 110V CAB-ACC AC Power Cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A	X2-10GB-SR=	10GBASE-SR X2 Module	
X2-10GB-LRM= 10GBASE-LRM X2 Module LC to SC Cables for the Catalyst 3750-E Series CSS5-CABLX-LCSC= CSS11500 10-Meter Fiber Single Mode LX LC-to-SC Connectors CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC Connectors CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors StackWise Cables CAB-STACK-SCM= CIsco StackWise 50CM Stacking Cable CAB-STACK-SCM= Cisco StackWise 50CM Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M- Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC-3M-NH= Cisco StackWise 3M Non-Halogen Le	X2-10GB-CX4=	10GBASE-CX4 X2 Module	
LC to SC Cables for the Catalyst 3750-E Series CSS5-CABLX-LCSC= CSS1-CABLX-LCSC= CSS1-CABSX-LC= CSS1-SCABSX-LC= CSS1-SCABSX-LCSC= CSS1-SCABSX-LCSC= CSS1-SCABSX-LCSC= CSS1-STACK-SOCM= CAB-STACK-SOCM= CAB-STACK-SOCM= CAB-STACK-SOCM= CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM- CAB-STACK-SOCM-NH= Cisco StackWise 50CM Stacking Cable CAB-STACK-SOCM-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-SOCM-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-SOCM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-SOCM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-SOCM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-SOCM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-SIM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-SIM-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC AP Power Cord, 110V CAB-AC AP Power Cord, 110V CAB-AC AC Power Cord, 110V CAB-AC AC Power Cord, 16AWG CAB-ACA AC Power Cord, 16AWG CAB-ACA AC Power Cord, 40-Statialian, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA Plug, Power Cord Europe CAB-ACC CAB-ACC Power Cord Europe CAB-ACC CAB-ACC Power Cord Europe CAB-ACC CAB-ACC Power Cord Argentina CAB-ACC CAB-ACC Power Cord Dix Switzerland CAB-ACC CAB-ACC Power Cord UK CAB-ACU Power Cord Japan CAB-ACU Power Cord India CAB-IND Power Cord With C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	X2-10GB-LX4=	10GBASE-LX4 X2 Module	
CSS1-CABLX-LCSC= CSS11500 10-Meter Fiber Single Mode LX LC-to-SC Connectors CSS5-CABSX-LC= CSS11500 10-Meter Fiber Multimode SX LC Connectors CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors StackWise Cables CAB-STACK-50CM= Cisco StackWise 50CM Stacking Cable CAB-STACK-4M= Cisco StackWise 1M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-4M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACC Power Cords, 110V CAB-ACC Power Cord, 110V CAB-ACC Power Cord, 110V CAB-4ACC AC Power Cord, 16AWG CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-16AWG-AC= AC Power Cord, 200 Activation, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACC Power Cord Europe CAB-ACC Power Cord Europe CAB-ACC Power Cord Europe CAB-ACC Power Cord Argentina CAB-ACR Power Cord Discountina CAB-ACB Power Cord Discountina CAB-ACB Power Cord Discountina CAB-ACB Power Cord Japan CAB-JPN Power Cord Japan CAB-JPN Power Cord India CAB-IND= Power Cord India CAB-IND- Power Cord India CAB-IND- Power Cord India CAB-IND- Power Cord India CAB-IND- Power Cord India	X2-10GB-LRM=	10GBASE-LRM X2 Module	
CSS5-CABSX-LC= CSS11500 10-Meter Fiber Multimode SX LC Connectors CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors StackWise Cables Cisco StackWise 50CM Stacking Cable CAB-STACK-1M= Cisco StackWise 50CM Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-3M-NH= Power Cord, 110V CAB-AC Power Cord, 110V CAB-AC Power Cord, 110V CAB-ACC Power Cord, 16AWG CAB-ACA Plug, Power Cord, 4ustralian, 10A CAB-ACA Plug, Power Cord, 4ustralian, 10A CAB-ACA Power Cord Europe CAB-ACE P	LC to SC Cables for the Catalyst 3750-E	Series	
CSS5-CABSX-LCSC= CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors StackWise Cables CAB-STACK-50CM= Cisco StackWise 50CM Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M- Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-ACK-CAB-ACK-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB	CSS5-CABLX-LCSC=	CSS11500 10-Meter Fiber Single Mode LX LC-to-SC Connectors	
StackWise Cables CAB-STACK-50CM= Cisco StackWise 50CM Stacking Cable CAB-STACK-1M= Cisco StackWise 1M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-3M- Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-AC Power Cord, 110V CAB-ACA Power cord, 16AWG CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACA= Power Cord Europe CAB-ACE Power Cord Europe CAB-ACE Power Cord Europe CAB-ACI Power Cord Augentina CAB-ACI Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Ord Switzerland CAB-ACS Power Cord IK CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-ACP-NPN Power Cord UK CAB-ACP-NPN Power Cord UK CAB-AIND Power Cord-Japan CAB-IND Power Cord-Japan CAB-IND Power Cord India CAB-C13-C14-AC Power Cord With C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CSS5-CABSX-LC=	CSS11500 10-Meter Fiber Multimode SX LC Connectors	
CAB-STACK-SOCM= CISCO StackWise 50CM Stacking Cable CAB-STACK-1M= CISCO StackWise 1M Stacking Cable CAB-STACK-3M= CISCO StackWise 3M Stacking Cable CAB-STACK-50CM-NH= CISCO StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= CISCO StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= CISCO StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= CISCO StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-AC Power Cord, 110V CAB-AC AC Power Cord, 16AWG CAB-16AWG-AC AC Power Cord, 16AWG CAB-16AWG-AC AC Power Cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACE Power Cord Europe CAB-ACE Power Cord Argentina CAB-ACI Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord For Switzerland CAB-ACS Power Cord UK CAB-ACS Power Cord UK CAB-ACP CAB-ACU Power Cord UK CAB-ACP CAB-ACP Power Cord-Japan CAB-ACP Power Cord-Japan CAB-ACP Power Cord-Japan CAB-IND Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-IND Power Cord With C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CSS5-CABSX-LCSC=	CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors	
CAB-STACK-1M= Cisco StackWise 1M Stacking Cable CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-50CM-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-AC= Power Cord, 110V CAB-AC= AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord Australian, 10A CAB-ACA= Power Cord Europe CAB-ACE CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-ACU= Power Cord India CAB-IND Power Cord India CAB-IND Power Cord India CAB-ICL-CAL-AC Power Cord India CAB-ICL-CAL-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kits (1RU) for Catalyst 3750-E and 3560-E	StackWise Cables		
CAB-STACK-3M= Cisco StackWise 3M Stacking Cable CAB-STACK-50CM-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-AC= Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACE CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR= Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord India CAB-IND Power Cord India CAB-IND Power Cord India CAB-IND Power Cord India CAB-IND Power Cord With C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kits (1RU) for Catalyst 3750-E and 3560-E	CAB-STACK-50CM=	Cisco StackWise 50CM Stacking Cable	
CAB-STACK-50CM-NH= Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable CAB-STACK-1M-NH= Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-AC= Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Power Cord Europe CAB-ACB= Power Cord Europe CAB-ACI Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR= Power Cord Argentina CAB-ACR= Power Cord Argentina CAB-ACR= Power Cord for Switzerland CAB-ACS= Power Cord UK CAB-ACU Power Cord UK CAB-ACU= Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord-Japan CAB-IND Power COrd India CAB-IND Power CORD With C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-STACK-1M=	Cisco StackWise 1M Stacking Cable	
CAB-STACK-1M-NH= Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-AC= Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA Pilug, Power Cord, Australian, 10A CAB-ACA Power Cord Europe CAB-ACI Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord-Japan CAB-IND Power Cord-Italia Power Cord-Japan CAB-IND Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-IND Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU=	CAB-STACK-3M=	Cisco StackWise 3M Stacking Cable	
CAB-STACK-3M-NH= Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable Power Cords for the Catalyst 3750-E Series CAB-AC Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Power Cord Europe CAB-ACE Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-CAB-CAC Power Cord India CAB-CACACACACACACACACACACACACACACACACACA	CAB-STACK-50CM-NH=	Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable	
CAB-AC Power Cord, 110V CAB-ACA Plug, Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-ACA AC Power cord, 16AWG CAB-16AWG-ACA Plug, Power Cord, Australian, 10A CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACACA Plug, Power Cord, Australian, 10A CAB-ACACA Power cord Europe CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Switzerland CAB-ACS Power Cord of Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-I-CAB-I	CAB-STACK-1M-NH=	Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable	
CAB-AC Power Cord, 110V CAB-AC= Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACE= Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord UA CAB-JPN Power Cord UA CAB-IND Power Cord India CAB-IND Power Cord India CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-	CAB-STACK-3M-NH=	Cisco StackWise 3M Non-Halogen Lead Free Stacking Cable	
CAB-AC= Power Cord, 110V CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACE= Power Cord Europe CAB-ACE= Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord UA CAB-JPN Power Cord UA CAB-IND Power Cord India CAB-IND Power Cord India CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-			
CAB-16AWG-AC AC Power cord, 16AWG CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACE= Power Cord Europe CAB-ACE= Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR= Power Cord Argentina CAB-ACR= Power Cord For Switzerland CAB-ACS Power Cord for Switzerland CAB-ACS= Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord-Japan CAB-ACU Power Cord-Japan CAB-ACU Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-CAB-	CAB-AC	Power Cord, 110V	
CAB-16AWG-AC= AC Power cord, 16AWG CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACA= Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACI Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord Italian CAB-ACS Power Cord WK CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord Japan CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-AC=	Power Cord, 110V	
CAB-ACA Plug, Power Cord, Australian, 10A CAB-ACE Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord For Switzerland CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-16AWG-AC	AC Power cord, 16AWG	
CAB-ACE Plug, Power Cord, Australian, 10A CAB-ACE Power Cord Europe CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord for Switzerland CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-ACU Power Cord-Japan CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-16AWG-AC=	AC Power cord, 16AWG	
CAB-ACE Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord For Switzerland CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord UK CAB-ACU Power Cord Japan CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACA	Plug, Power Cord, Australian, 10A	
CAB-ACE= Power Cord Europe CAB-ACI Power Cord-Italian CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR= Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord for Switzerland CAB-ACS= Power Cord UK CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACA=	Plug, Power Cord, Australian, 10A	
CAB-ACI Power Cord-Italian CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACR Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord WK CAB-ACU Power Cord UK CAB-ACU Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-IND Power Cord India CAB-IND Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACE	Power Cord Europe	
CAB-ACI= CAB-ACR Power Cord Argentina CAB-ACR= Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS= Power Cord for Switzerland CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord With C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACE=	Power Cord Europe	
CAB-ACR Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord for Switzerland CAB-ACS Power Cord WK CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN Power Cord-Japan CAB-JPN Power Cord India CAB-IND Power Cord India CAB-IND Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACI	Power Cord-Italian	
CAB-ACR= Power Cord Argentina CAB-ACS Power Cord for Switzerland CAB-ACS= Power Cord for Switzerland CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACI=	Power Cord-Italian	
CAB-ACS Power Cord for Switzerland CAB-ACS= Power Cord for Switzerland CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACR	Power Cord Argentina	
CAB-ACS= Power Cord for Switzerland CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACR=	Power Cord Argentina	
CAB-ACU Power Cord UK CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACS	Power Cord for Switzerland	
CAB-ACU= Power Cord UK CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACS=	Power Cord for Switzerland	
CAB-JPN Power Cord-Japan CAB-JPN= Power Cord-Japan CAB-IND Power Cord India CAB-IND= Power Cord India CAB-C13-C14-AC Power Cord with C14 connector Spare Rack Mount Kits for the 3750-E Series RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-ACU	Power Cord UK	
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RCKMNT-E-1RU= Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	CAB-C13-C14-AC	Power Cord with C14 connector	
	Spare Rack Mount Kits for the 3750-E Series		
Catalyst 3750-E Relicensing for Used Equipment	RCKMNT-E-1RU=	Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	
	Catalyst 3750-E Relicensing for Used Equipment		
LL-3750E-IPB= IP Base SW Feature set license for Catalyst 3750-E Series	LL-3750E-IPB=	IP Base SW Feature set license for Catalyst 3750-E Series	
LL-3750E-IPS= IP Services SW Feature set license for Catalyst 3750-E Series	LL-3750E-IPS=	IP Services SW Feature set license for Catalyst 3750-E Series	

For More Information

For more information about the Cisco Catalyst 3750-E Series Switches, visit http://www.cisco.com/en/US/products/hw/switches/index.html or contact your local account representative.



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