

## Modulus T-3750 TEMPEST Switch

The Modulus T-3750 TEMPEST switch is based on the Cisco v2-series stackable switches, optimised for a unified network for data, voice, and video. The v2 Series consumes less power than its predecessors and is the ideal access layer for enterprise applications.

T-3750 is available in TEMPEST SDIP-27 Level A, B or C versions, with all original functionality retained in the product.



Function	Performance description
Base product	Cisco 3750V2-24FS
Basic feature set	24 Ethernet 100FX SFP ports and 2 SFP Gigabit Ethernet ports (Transceivers are optional and not included with the base switch) 32-Gbps, wire rate backplane 1 Rack Unit fixed-configuration, multilayer switch, IPv6
Feature highlights	IPv6 routing included in the IP Services feature set, Cisco StackWise® technology, advanced quality of service (QoS), rate limiting, access control lists (ACLs), and basic static and Routing Information Protocol (RIP) and OSPF routing functions. Dynamic Host Configuration Protocol (DHCP) autoconfiguration of multiple switches through a boot server eases switch deployment. Persistent allocation of IP addresses to specified network devices. Configuration Replace and Rollback functions, Intelligent PoE Management. Support for IEEE 802.3af-compliant end devices for voice, video and data convergence.
Switching fabric	32 Gbps
Flash memory	32 MB
Maximum number of VLANs	1000
VLAN IDs	4000
Switched virtual interfaces (SVIs)	Up to 1000
Maximum transmission unit (MTU)	Up to 9000 bytes
Jumbo frames	9016 bytes
Forwarding rate	6.5 mpps
Dimensions & weight	4.4 x 44.3 x 29.5 cm / 4.1 kg
Operating / Storage temperatures	0 to 45°C / -25 to 70°C
Relative humidity (operating / storage)	10 to 85% noncondensing (operating and storage)
MTBF	349 610 hours
TEMPEST	NATO SDIP-27/1 Level A, B or C compliant

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