



TEMPEST Level I, Level II and Zone Switch

Product Data

Model - DNT-102 (Level I), DNL-102 (Level II) and DNZ-102 (Zone A)

Description

API's TEMPEST Switch is based on the Cisco Catalyst 3750 Series switches. 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 TEMPEST Switch 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.

- Stackable, fixed-configuration switches with Cisco StackWise™ technology and a 32-Gbps interconnect for a unified, resilient system of up to nine switches
- Layer 2-4 switching and intelligent services with dynamic IP routing and IPv6
- Delivers powerful Gigabit Ethernet connectivity with a full suite of Gigabit Interface Converter (GBIC) devices
- Fast Ethernet, Gigabit Ethernet, and 10 Gigabit Ethernet connectivity
- Delivers service availability and security through Spanning Tree Protocol enhancements and ACLs
- Integrated Power over Ethernet (PoE) (Cisco pre-standard and IEEE 802.3af); up to 24 ports with 15.4 watts (W) or 48 ports with 7.3W

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I, Level II, Zone and NATO SDIP-27 A & B standard (formerly AMSSG 720B 720B & AMSSG 788A)
- 24 100BASE-FX ports plus 2 SFP-based Gigabit Ethernet ports
- 32-Gbps, high-speed stacking bus
- Innovative stacking technology
- 1 RU stackable multilayer switch





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Specifications

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Base Configuration

1 RU Stackable multilayer switch
24 100BASE-FX ports: MT-RJ connectors
32-Gbps, high speed stacking bus
Cisco Standard Multilayer Image IOS installed
Console Management Port (DB9) and cable
Stack Wise stacking ports and 0.5-meter StackWise cable
Memory: 128MB DDRAM, 32MB Flash
2 Small Form Factor Pluggable (SFP) GigaBit Ports
AC Power cord

Mechanical

Height (1U)1.73 in. (4.4 cm)
Width17.5 in. (44.5 cm)
Depth11.8 in. (30.1 cm)
Weight12.5 lbs. (5.7 kg)

Operating Environment

Temperature

Operating32 to 113°F (0 to 45°C)
Storage-13 to 158°F (-25 to 70°C)
Humidity10-to 85% (non-condensing)

Altitude

OperatingUp to 10,000 ft (3049 m)
StorageUp to 15,000 ft (4573 m)

Power

Operating Voltage100 to 127/200 to 240 VAC (autoranging)
Power Frequency50 - 60 Hz
Operating Current3.0-1.5A

Fiber-Port Power Levels

Optical transmitter wavelength1300nm
Optical receiver sensitivity for 50/125 micron cabling-33.5 to -11.8 dBm
Optical receiver sensitivity for 62.5/125 micron cabling-33.5 to -11.8 dBm
Optical transmitter power for 50/125-micron cabling-19 to -14 dBm
Optical transmitter power for 62.5/125-micron cabling-19 to -14 dBm

Standards

- UL to UL 60950, Third Edition
- C-UL to CAN/CSA C22.2 No. 60950-00, Third Edition
- TUV/GS to EN 60950:2000
- CB to IEC 60950 with all country deviations
- NOM to NOM-019-SCFI
- CE Marking

Available Options

Software

Cisco Enhanced Multilayer Image (EMI)
Advanced IP Services (IPv6)

GigaBit Interface Converters

1000BASE-SX SFP FOR MULTIMODE FIBER ONLY: The 1000BASE-SX SFP, compatible with the IEEE 802.3z 1000BASE-SX standard, operates on 50 m multimode fiber links up to 550 m and on 62.5 m FDDI-grade multimode fibers up to 220 m.
1000BASE-LX/LH SFP FOR BOTH MULTIMODE AND SINGLE-MODE FIBERS: The 1000BASE-LX/LH SFP, compatible with the IEEE 802.3z 1000BASE-LX standard, operates on standard single-mode fiber-optic link spans of up to 10 km and up to 550 m on any multimode fibers.

Warranty

1-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products. E & OE - 11/04/09



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