



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 & 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 - 9/7/10



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