

Refurbished CISCO CAB-SMF-SC-10 Datasheet

CISCO > SWITCHES

Cisco MGX 8900 Series Switches

Product Specifications	
Layer 1 (Physical Layer) Feature Summary	
Layer 2 (ATM) Feature Summary	Configurable for trunk, Network-to-Network Interface (NNI), or UNI application Conformant to ATM Forum UNI 3.0, 3.1, and 4.0 and ITU-T I.361 and I.432 specifications Supports up to 16 CoS queues for IP and ATM traffic and includes all ATM Forum traffic-type services: ABR, unspecified bit rate (UBR), non-real-time variable bit rate (VBR-nrt), real-time variable bit rate (VBR-rt), constant bit rate (CBR); ABR supported with explicit forward congestion indicator (EFCI), RM marking, and explicit-rate stamping; supports ABR virtual source and destination Supports Integrated Local Management Interface (ILMI) 4.0 Complies with standard usage parameter control (UPC) as specified by ATM Forum UNI 3.0 and 4.0, TM 4.1, and ITU-T I.371 Supports early packet discard (EPD), Weighted Random Early Detection (WRED), and partial packet discard (PPD) Supports virtual circuit connections (VCCs) and virtual path connections (VPCs) Supports up to 128,000 connections Supports virtual path identifier (VPI) and virtual circuit identifier (VCI) range for VCCs and VPCs per UNI 3.1 Supports per-virtual-circuit and per-virtual-path shaping and multipoint connections Virtual trunks Supports a maximum of 128 virtual interfaces per module; the interfaces can be ports, trunks, or virtual trunks; each virtual interface supports 16 CoS queues Cell buffering Supports 4 million cells of buffering to accommodate large traffic bursts and avoid network congestion and cell discard; suitable for TCP/IP traffic Support for dynamic routing using PNNI 1.0 Offers an automatic end-to-end connection management mechanism Deterministically allocates bandwidth and reroutes connections autonomously over optimum network paths Preserves service integrity during network failure Offers E.164 and network-service-access-point (NSAP) addressing Offers support for SVC and SVP and for SPVC and SPVP Offers quality-of-service (QoS) based routing Enhanced call admission control A user-programmable Enhanced Call Admission Control (E-CAC) feature determines whether to admit or deny connections based on the requested QoS. Statistics Statistics supported per connection Diagnostic statistics available per interface and CoS queues Operation, administration, and management F4 to F5 fault propagation In-band diagnostics support using loopback cells In-band continuity check and automatic fault reporting for PVCs Loopback facility support for diagnostics and self-test purposes
Network Management	Managed by Cisco WAN Manager software suite Based on Simple Network Management Protocol (SNMP)
Power	Input power required: -48 VDC Power consumption: 205W
Physical Dimensions	H x D: 15.83 x 15.65 in. (40.20 x 39.75 cm)
Weight	6.5 lb (2.95 kg)
Environmental Conditions	Storage temperature: -40 to 158°F (-40 to 70°C) Operating temperature: Normal: 41 to 104°F (5 to 40°C) Short term: 23 to 122°F (-5 to 50°C) Relative humidity: Normal: 5 to 85% Short term: 5 to 90% but not to exceed 0.024 kg (0.048 lb) of water per kg (lb) of dry air Short term refers to a period of not more than 96 consecutive hours and a total of not more than 15 days in 1 year.

Compliance and Agency Approvals

Safety standards	UL/CSA/IEC/EN 60950-1 IEC/EN 60825 Laser Safety ACA TS001 AS/NZS 60950 FDA-Code of Federal Regulations Laser Safety
EMI	FCC Class A ICES 003 Class A AS/NZS 3548 Class A CISPR 22 (EN55022) Class A VCCI Class A BSMI Class A IEC/EN 61000-3-2: Power Line Harmonics IEC/EN 61000-3-3: Voltage Fluctuations and Flicker
Immunity (basic standards)	IEC/EN-61000-4-2: Electrostatic Discharge Immunity (8 kV Contact and 15 kV Air) IEC/EN-61000-4-3: Radiated Immunity (10 V/m) IEC/EN-61000-4-4: Electrical Fast Transient Immunity (2 kV AC Power and 1 kV DC Power) IEC/EN-61000-4-5: Surge AC Port (2 kV CM and 2 kV DM) IEC/EN-61000-4-5: Signal Ports (1 kV) IEC/EN-61000-4-5: Surge DC Port (1 kV) IEC/EN-61000-4-6: Immunity to Conducted Disturbances (10 Vrms) IEC/EN-61000-4-8: Power Frequency Magnetic Field Immunity (30 A/m) IEC/EN-61000-4-11: Voltage DIPS, Short Interruptions, and Voltage Variations
Network Equipment Building Systems (NEBS)	This product is designed to meet the following requirements (qualification in progress): SR-3580: NEBS Criteria Levels (Level 3) GR-1089-CORE: NEBS EMC and Safety GR-63-CORE: NEBS Physical Protection
Telcordia CLEI	GR-485-CORE - CLEI coding GR-383-CORE - CLEI code product label GR-209-CORE - PCN process

The next steps...

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