C4® and C4c™ CMTS
System Control Module 3 (SCM 3)
Technical Specifications

Specifications

Physical

Power	-48 VDC (-44 to -72 VDC)
Power Consumption	32 W nominal, 50 W maximum at -48 VDC, 77°F (25°C)
Power Consumption of Control Complex (SCM 3 with Router Control Module (RCM))	150 W nominal, 170 W maximum at -48 VDC, 77°F (25°C)
Operating Temperature:	
Short Term °F (°C)	+23 to +131 (-5 to +55)
Long Term °F (°C)	+41 to +104 (+5 to +40)
Storage Temperature °F (°C)	-40 to +158 (-40 to +70)
Operating Humidity (Min.-Max.)	5 to 85% (Non condensing)
Dimensions (H x W x D) in. (cm)	15.8 x 0.8 x 15.0 (40.0 x 1.9 x 38.1)
Processor Memory	2 GB DDR2 RAM
Non-Volatile Storage Media	Compact Flash (CF)
Weight lbs. (kg)	approx 4 (1.8)

Interfaces

Serial Port	RS-232 with baud rates of 9,600, 19,200, 38,400, 57,600, and 115,200
Maintenance Ethernet	10/100-BaseT port (RJ-45) on SCM Physical Interface Card (PIC) and 10/100/1000-BaseT port (RJ-45) on SCM 3 front faceplate; active port (front or rear) selectable at boot-up, defaults to rear

Support with Software Release 8.1 (Partial Feature List)

SCM 3 Functions
    Out-of-Band Management
    In-Band Management
    RADIUS Authentication
    TACACS+ Authentication, Authorization, and Accounting
    Telnet Processing
    Secure Shell v2 (SSHv2) Processing
    File Transfer Protocol (FTP) Processing
    Common Operation Administration Maintenance and
        Provisioning (OAM&P) and Infrastructure Software Functions
    Internet Protocol Data Record / Streaming Protocol (IPDR/SP)
    Persistent Memory Management
    System Maintenance Control
    Monitoring of All Client Modules
    SNMP Agent
    Syslog Client
    System-Wide Data Distribution
    System-Wide Clock Distribution
    (Secure) Network Time Protocol Client
    Overload Control
    Audit Control
    Billing and Measurement Data

PacketCable™ Common Open Policy Server (COPS)
PacketCable/VoIP Connection Management
PacketCable Multimedia Gate Control Support

Technical Specification

Ordering Information

Part Number	Description
SCM 3 Kits	
799087	C4 CMTS System Control Module 3 (SCM 3)
Maintenance Plan (required)	
708387	Software Maintenance – Phone Plus Gold

Specifications are subject to change without notice.

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