ARRIS SCM 3

SYSTEM CONTROL MODULE 3

The System Control Module 3 (SCM 3) delivers significant performance improvements for control-plane tasks within the C4 and C4c CMTS as compared with the SCM II family. An enhanced, high-speed processor powers the SCM 3 and enables it to improve a number of management-related tasks for the C4 and C4c CMTS. Since the C4 and C4c CMTS architectures provide for separation of the control plane from the data plane, the SCM 3 is not intended to boost or enhance the processing of subscriber traffic.

- High-speed processor complex
- Performance benefits for chassis management tasks, including utilizing the CLI, SNMP polling, and IPDR streaming
- Compact Flash (CF) for non-volatile storage
- 1+1 redundancy for high availability
- Hot swappable
- Available for both C4 and C4c CMTS

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) Long Term °F (°C)	+23 to +131 (-5 to +55) +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

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
799087	C4 CMTS System Control Module 3 (SCM 3)
708387	Software Maintenance – Phone Plus Gold