

ARRIS RCM

ROUTER CONTROL MODULE

The C4® CMTS Router Control Module (RCM) provides edge routing capability and DOCSIS® 3.0 services for the ARRIS C4 Cable Modem Termination System (CMTS). The C4 CMTS is a high-performance, carrier-class DOCSIS 3.0 CMTS for advanced IP services. The C4 CMTS with the RCM is DOCSIS 3.0 Bronze qualified and Euro-DOCSIS 3.0 capable.

- High density
- High bandwidth for DOCSIS 3.0 applications
- Deployable in any C4 CMTS chassis
- Legendary C4 CMTS “hitless” and hot swappable redundancy



SPECIFICATIONS

PHYSICAL	
Power	-48 VDC(-44 to -72 VDC)
Power Consumption	150 W max at -48VDC
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.)	5-85% (Non condensing)
Dimensions (HxWxD) in. (cm)	24.5 x 17.4 x 20.0 (64.6 x 44.2 x 50.8)
Weight lbs (kg)	approx 4 (1.8)
ETHERNET NETWORK INTERFACES	
1Gbps Small Form Factor Pluggable (SFP):	
10/100/1000Base-TX	SFP Electrical Interface
1000Base-SX	SFP Optical Interface
1000Base-LX	SFP Optical Interface
10Gbps Small Form Factor Pluggable (XFP):	
10GBase-SR	XFP Optical Interface
10GBase-LR	XFP Optical Interface
PROTOCOL SUPPORT WITH C4 SYSTEM SOFTWARE RELEASE 7.0	
DOCSIS 3.0 (Bronze Qualified in CableLabs® CW56)	
Euro-DOCSIS 3.0	
PacketCable 1.0/1.1	
DOCSIS Set-top Gateway (DSG)	
PacketCable Multimedia Support	
RIPv2 (RFC 1723), OSPFv2 (RFC 2328), DHCP Relay Agent (Option 82)	
ICMP (RFC 792)	
CIDR (Classless Inter-Domain Routing) (RFC 1519)	
PIM-SSM, IGMPv2, and multicast flows (RFC1112)	
Interface Bundling across any number of RF interfaces	
Command Line Interface (CLI)	
SNMP v1, v2c and v3	
DOCSIS MIBs and Cadant® enterprise MIBs	
Dynamic Cable Modem Load Balancing	
Flexible Full US to DS Mapping	
Telnet	
IP DiffServ	
Extended ACLs & Named ACLs	

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
722013	C4 CMTS Router Control Module
722891	C4 CMTS Router Control Module – Crossover Connector
ETHERNET NETWORK INTERFACE OPTIONS	
722093	C4 CMTS SFP Optical Interface, 1000Base-SX
722872	C4 CMTS SFP Electrical Interface, 1000Base-TX
728965	C4 CMTS SFP Optical Interface, 1000Base-LX
722873	C4 CMTS XFP Optical Interface, 10GBase-SR
728887	C4 CMTS XFP Optical Interface, 10GBase-LR/LW