Cable operators require quality and reliability to compete in today’s voice and data arena. The ARRIS C4 CMTS enables operators to offer world-class performance for advanced, carrier-grade voice, high-speed data, and IPTV services.

Highly-reliable C4 solutions reduce CAPEX with a highly economical cost-per-port and low operational cost. The C4 CMTS reduces OPEX and improves ROI with a compact footprint, low power consumption, and minimal cooling requirements which allow the unit to be placed in existing headends and hubs without build out or additional infrastructure, extending headend life and maximizing capital investment.

Designed with flexibility in mind, the C4 CMTS active components can be upgraded via software to stay current with changing service demands. The C4 CMTS provides operators tremendous flexibility of configuration and ease of operation while providing best-in-class reliability. Because the C4 CMTS offers full DOCSIS 3.0 upstream and downstream services including channel bonding, operators can configure and deliver high-speed and new convergent services efficiently, bringing increased revenue per customer and improved market responsiveness.

The C4 CMTS positions operators to operate more profitably and compete more effectively by satisfying subscriber and corporate demand for new services, higher speeds, and superior service quality.

### Product Classification

<table>
<thead>
<tr>
<th>Regional Availability</th>
<th>Asia</th>
<th>Australia/New Zealand</th>
<th>EMEA</th>
<th>Latin America</th>
<th>North America</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Type</td>
<td>Cable modem termination system</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### General Specifications

- **RF Upstream Frequency Range (24U CAM)**: 5–85 MHz
- **RF Upstream Frequency Range (12U CAM)**: 5 - 65 MHz

### Dimensions

- **Height**: 622.3 mm | 24.5 in
- **Width**: 441.96 mm | 17.4 in
Depth | 508 mm | 20 in

### Electrical Specifications

**Frequency Resolution** | < 1 KHz
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**Output Load Impedance** | 75 ohm
**Power Consumption at Voltage, maximum** | 2,800 W @ -48 Vdc
**RF Input Level** | -16 to 29 dBmV
**RF Downstream Modulation** | 256 QAM | 64 QAM
**RF Downstream Data Rate, maximum** | 30.34 Mb/s to 55.62 per channel
**RF Downstream Output Level** | 41 to 60 dBmV
**RF Downstream Symbol Rate** | 5.361 Msym/s | 6.952 Msym/s
**RF Downstream Bandwidth** | 6 MHz | 8 MHz
**RF Upstream Modulation** | 16 QAM | 32 QAM | 64 QAM
**RF Upstream Channel Type** | ATDMA | TDMA | TDMA/ATDMA
**RF Upstream Data Rate, maximum** | 30.72 Mb/s per channel

### Environmental Specifications

**Operating Temperature, long term** | +5 °C to +40 °C (+41 °F to +104 °F)
**Operating Temperature, short term** | -5 °C to +55 °C (+23 °F to +131 °F)
**Storage Temperature** | -40 °C to +70 °C (-40 °F to +158 °F)
**Operating Humidity** | 5%–85%

### Packaging and Weights

**Weight, net** | 80.739 kg | 178 lb