ControlLogix Hardware Elements

17 slots in the lab systems, numbered from left to right, 0 thru 16, not counting the power supply. Several smaller chassis are available.

Cables & DIN rail connector
Cable selection link
DIN rail
Connector module link

Controllers – lab controller is combination Controller & servo drive interface.

Controller
  Keyswitch
  LEDs
  Battery
  Labels

Modules – name on side of module
  Input, Output, Communications, Controller, Analog, Digital, 
  AC, DC, Temperature, Counter, Relay

RS-232 Serial Port

Ethernet module - EtherNet/IP
Widely available Rockwell Automation and 3rd party products and services worldwide.
View control information from anywhere.

Power supply

LIN
Sercos Interface Module

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>1756-L60M03SE−</td>
<td>ControlLogix controller combined with 3 SERCOS axes</td>
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<tr>
<td></td>
<td>6 axes total with addition of another motion module</td>
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<tr>
<td></td>
<td>32  8.5 W  1960 mA  16.5 mA</td>
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**Sercos Cables**

<table>
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<th>Cat. No.</th>
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<tbody>
<tr>
<td>2090-SCEPx-x (no jacket)</td>
<td>Plastic Fiber Optic Cables 1000 mm plastic simplex fiber optic cable transmission range of 1...32 meters. Allen-Bradley offers plastic, fiber-optic cable assemblies that come in a variety of jackets: · no jacket (Chlorinated Polyethylene) for use inside an electrical cabinet · a standard jacket (Polyvinyl Chloride) for use outside of electrical cabinets · a nylon jacket for use in harsh environments</td>
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<tr>
<td>2090-SCVPx-x (standard jacket)</td>
<td></td>
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<tr>
<td>2090-SCNPx-x (nylon jacket)</td>
<td></td>
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<tr>
<td>2090-SCVGx-x</td>
<td>Glass Fiber Optic Cables 200 mm glass fiber optic cable transmission range of 50...200 meters</td>
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DeviceNet
Cost-effective networking solution to simple devices
Easily access data in intelligent sensors/actuators from multiple third party vendors

ControlNet
Programming, processor-to processor interlocking, and I/O control on the same link without impacting time-critical I/O.
Improves I/O performance and controller-to-controller interlocking with high-speed data throughput.
Access the network from any node for PLC processor programming and troubleshooting.
Improved network efficiency with Multicast of inputs and peer-to-peer data.