RCA Component Video 110-Termination MOS Modules

APPLICATION
Leviton RCA Component Video 110-Termination Multimedia Outlet System (MOS) Modules provide a point-to-point connection for component video signals over twisted-pair cabling. Connect DVD players, Blu-Ray players, and other media sources to televisions and other displays using industry standard RCA connectors. The IDC termination allows for quick termination and customization of cable lengths in the field. The RCA modules require a Leviton MOS wallplate. The modules are manufactured from durable ABS plastic and are available in white, ivory, or light almond.

SPECIFICATION
AV modules shall have the ability to transmit component video signals over twisted-pair cabling in a point-to-point connection. Products shall be compatible with UTP or shielded cabling that is rated for CAT 5e or higher. Twisted-pair cabling shall be terminated to product using IDC connections. Products shall be capable of transmitting video at resolutions of 1080i for distances up to 100 feet. RCA connections shall have barrel colors of red, blue, and green. Products shall be available in white, ivory, and light almond colors, and shall be compatible with Leviton Multimedia Outlet System wallplates.

FEATURES
• Provides a point-to-point RCA connection for component video signals over twisted-pair cabling (UTP or shielded)
• Twisted-pair cabling can be cut to length in field
• Twisted-pair cabling provides a migration path for future digital signals
• Fast and easy cable termination using color-coded 110-termination IDC connectors

DESIGN CONSIDERATIONS
• Modules must be installed in a Leviton MOS wallplates
• RCA Component modules can be mixed with other MOS modules in the same wallplate
• One twisted-pair cable required (CAT 5e or higher, UTP or shielded)
• Component RCA modules designed to support video resolutions of 1080i for distances up to 100 feet
• RCA connectors have a 13mm (center-to-center) spacing to accommodate cords with larger plugs
• Modules are 1 unit high
• Modules are not compatible with MOS Surface-Mount Boxes

MECHANICAL SPECIFICATIONS
Dimensions: 0.96” H x 1.85” W x 1.65” D
Housing Material: ABS plastic

ELECTRICAL SPECIFICATIONS
Cable Type: UTP and shielded twisted-pair (CAT 5e or higher)
Cable length: Up to 100 feet (1080i)
Impedance: RCA – 75 Ω unbalanced
IDC – 100 Ω balanced

ELECTRICAL SPECIFICATIONS
Operating Temperature: 0° C to 50° C (32° F to 122° F)
Storage Temperature: -10° C to 70° C (14° F to 158° F)
Relative Humidity: 0% to 90%, non-condensing

STANDARDS COMPLIANCE
cULus Listed (UL 1863, CAN/CSA C22.2 No. 182.4-M90)

COUNTRY OF ORIGIN
Taiwan

WARRANTY INFORMATION
One-year limited warranty. For a copy of Leviton warranties, visit www.leviton.com/warranty.
COMPONENT SPECIFICATIONS
41292-DEx

ELECTRONIC FILES
For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

CONNECTOR PIN-OUT

<table>
<thead>
<tr>
<th>Signal</th>
<th>IDC/Wire</th>
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<tbody>
<tr>
<td>n/a</td>
<td>brown</td>
</tr>
<tr>
<td>n/a</td>
<td>w/brown</td>
</tr>
<tr>
<td>Red RCA center</td>
<td>green</td>
</tr>
<tr>
<td>Red RCA ground</td>
<td>w/green</td>
</tr>
<tr>
<td>Blue RCA center</td>
<td>orange</td>
</tr>
<tr>
<td>Blue RCA ground</td>
<td>w/orange</td>
</tr>
<tr>
<td>Green RCA center</td>
<td>blue</td>
</tr>
<tr>
<td>Green RCA ground</td>
<td>w/blue</td>
</tr>
</tbody>
</table>

WIRING DIAGRAM

Up to 100 Feet (1080i)

PART NUMBERS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCA Component Video 110-Termination MOS Module, white</td>
<td>41292-DEW</td>
</tr>
<tr>
<td>RCA Component Video 110-Termination MOS Module, ivory</td>
<td>41292-DEI</td>
</tr>
<tr>
<td>RCA Component Video 110-Termination MOS Module, light almond</td>
<td>41292-DET</td>
</tr>
</tbody>
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