

RCA Composite Video & Audio 110-Termination MOS Modules

APPLICATION

RCA Composite 110-termination Multimedia Outlet System (MOS) Modules provide a point-to-point connection for composite video and stereo audio signals over twisted-pair cabling. Connect DVD players, VCRs, and other media sources to TVs 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 composite video signals and left and right audio 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 480i for distances up to 100 feet. RCA connections shall have barrel colors of red, white, and yellow. Products shall be available in white, ivory, and light almond, and shall be compatible with Leviton MOS wallplates.

FEATURES

- Provides a point-to-point RCA connection for composite video and stereo audio 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 modules can be mixed with other MOS modules in the same wallplate
- One twisted-pair cable required (CAT 5e or higher, UTP or shielded)
- RCA Composite modules designed to support video resolutions of 480i distances up to 100 feet
- RCA connectors have a 13 mm (center-to-center) spacing to accommodate cords with larger plugs
- Modules are one 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 (480i)

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

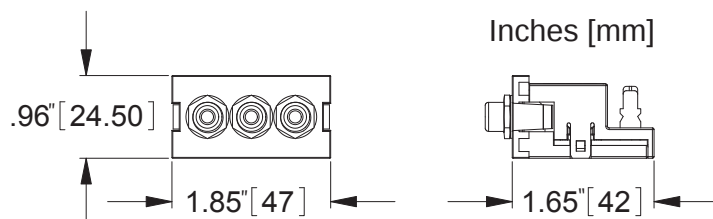
WARRANTY INFORMATION

One-year limited warranty.

For a copy of Leviton product warranties, visit www.leviton.com.

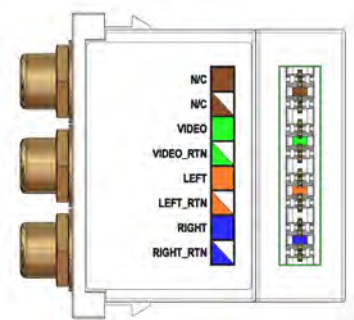
ELECTRONIC FILES

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

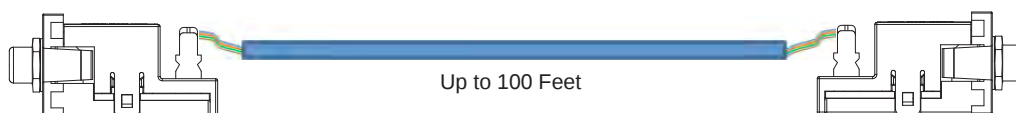


CONNECTOR PIN-OUT

Signal	IDC/Wire
n/a	brown
n/a	w/brown
Yellow RCA center	green
Yellow RCA ground	w/green
White RCA center	orange
White RCA ground	w/orange
Red RCA center	blue
Red RCA ground	w/blue



WIRING DIAGRAM



PART NUMBERS

Description	Part No.
RCA Composite Video & Audio 110-Termination MOS Module, white	41292-AEW
RCA Composite Video & Audio 110-Termination MOS Module, light almond	41292-AET
RCA Composite Video & Audio 110-Termination MOS Module, ivory	41292-AEI

