

HDMI Cable, HDMI Male / HDMI Male 4.0 M


Features for this product

- Connection of digital audio/video equipment
- HDMI interfaces carry both audio and video digital signals eliminating separate audio and video cables
- Small size of HDMI interface makes connections between components quick and easy
- Gold plated contact pins to minimize signal loss
- Available in 5 standard lengths from 1 to 5 meters



High Definition Multimedia Interface (HDMI) is the latest interface for the connection of audio/video equipment using all digital signals for both audio and video transmission. This simplifies the connection process by eliminating separate cables for the audio and video connections. The small size of the HDMI interface is an improvement over the larger DVI type interfaces. Available in 5 standard lengths from 1 to 5 meters.

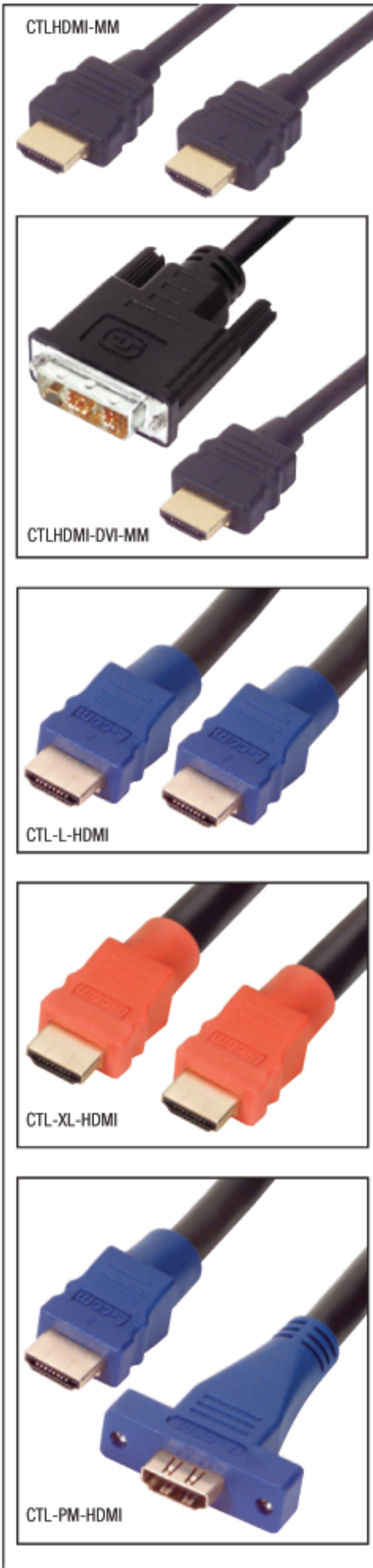
Details for this Monitor, Video product

| | |
|--------------|--|
| L-com Item # | CTLHDMI-MM-4 |
| Manufacturer | L-com |
| UPC # | 822335019034 |
| RoHS Status | RoHS Compliant  |

Tip Length limitations of HDMI cables

The specification for HDMI does not directly set length maximums for cables. Instead the specification sets minimum performance specifications which indirectly result in cable length restrictions. As a result a cable with 28AWG size conductors, with no equalizers or signal boosters utilized, would have a 5 meter length restriction. In order to have cable runs longer than 5 meters utilization of cables with larger conductors and/or employment of equalizers or signal boosters would be needed. This table gives some guidelines for selecting products that will allow HDMI cable runs as long as 90 meters.

| Cable Conductor Gauge | Cable Maximum Length | Equalizer/ Booster |
|--|----------------------|------------------------------------|
| 28AWG CTLHDMI-MM-XX | 5 Meters | Not Needed |
| 24AWG CTL-L-HDMI-XX CTL-PM-HDMI-XX | 45 Meters | Equalizer HDMI-EXT-150 Recommended |
| 22AWG CTL-XL-HDMI-XX | 90 Meters | Booster GFN-HDMI-141SB Recommended |



| Item # | Description |
|--------|-------------|
|--------|-------------|

HDMI Cable Assemblies - Fully Molded

High Definition Multimedia Interface (HDMI) is the latest interface for the connection of audio/video equipment. HDMI is the first industry supported uncompressed all digital audio/video interface. HDMI is fully backwards compatible with DVI video signals and simplifies interconnections between the signal generating device and the display device by including both the audio and video digital signal in one interface.

- [CTLHDMI-MM-1](#) HDMI Cable, HDMI Male / Male 1.0m
- [CTLHDMI-MM-2](#) HDMI Cable, HDMI Male / Male 2.0m
- [CTLHDMI-MM-3](#) HDMI Cable, HDMI Male / Male 3.0m
- [CTLHDMI-MM-4](#) HDMI Cable, HDMI Male / Male 4.0m
- [CTLHDMI-MM-5](#) HDMI Cable, HDMI Male / Male 5.0m
- [CTLHDMI-DVI-MM-1](#) HDMI Cable, HDMI Male / DVI-D Male, Single Link, 1.0m
- [CTLHDMI-DVI-MM-2](#) HDMI Cable, HDMI Male / DVI-D Male, Single Link, 2.0m
- [CTLHDMI-DVI-MM-3](#) HDMI Cable, HDMI Male / DVI-D Male, Single Link, 3.0m
- [CTLHDMI-DVI-MM-4](#) HDMI Cable, HDMI Male / DVI-D Male, Single Link, 4.0m
- [CTLHDMI-DVI-MM-5](#) HDMI Cable, HDMI Male / DVI-D Male, Single Link, 5.0m

HDMI Extended Length Cable Assemblies - Heavy Gauge 24 AWG Conductors

This heavier gauge conductor reduces signal loss to achieve transmission properties over long lengths. This HDMI male to male cable assembly comes complete with two integrated ferrites to protect against signal interference. Use of our HDMI-EXT-150 extender is recommended to assure trouble free performance.

- [CTL-L-HDMI-8](#) HDMI Cable, HDMI Male / Male 8.0m
- [CTL-L-HDMI-10](#) HDMI Cable, HDMI Male / Male 10.0m
- [CTL-L-HDMI-15](#) HDMI Cable, HDMI Male / Male 15.0m
- [CTL-L-HDMI-25](#) HDMI Cable, HDMI Male / Male 25.0m
- [CTL-L-HDMI-30](#) HDMI Cable, HDMI Male / Male 30.0m
- [CTL-L-HDMI-45](#) HDMI Cable, HDMI Male / Male 45.0m

HDMI Extra Long Length Cable Assemblies - Extra Heavy Gauge 22 AWG Conductors

The extra heavy gauge conductor reduces signal loss to achieve transmission properties over very long lengths. This HDMI male to male cable assembly comes complete with two integrated ferrites to protect against signal interference. Use of our HDMI-EXT-150 extender is recommended to assure trouble free performance.

- [CTL-XL-HDMI-50](#) HDMI Cable, HDMI Male / Male 50.0m
- [CTL-XL-HDMI-65](#) HDMI Cable, HDMI Male / Male 65.0m
- [CTL-XL-HDMI-75](#) HDMI Cable, HDMI Male / Male 75.0m
- [CTL-XL-HDMI-90](#) HDMI Cable, HDMI Male / Male 90.0m

HDMI Male to Female Panel Mount Cable Assemblies - Heavy Gauge 24 AWG Conductors

The heavier gauge conductor reduces signal loss to achieve transmission properties over long lengths. This HDMI male to female panel mount cable assembly allows for direct panel mounting without the use of a feed thru adapter and comes complete with two integrated ferrites to protect against signal interference. The use of our HDMI-EXT-150 extender is recommended to assure trouble free performance.

- [CTL-PM-HDMI-8](#) HDMI Cable, HDMI Male / Female, Panel Mount, 8.0m
- [CTL-PM-HDMI-10](#) HDMI Cable, HDMI Male / Female, Panel Mount, 10.0m
- [CTL-PM-HDMI-15](#) HDMI Cable, HDMI Male / Female, Panel Mount, 15.0m
- [CTL-PM-HDMI-25](#) HDMI Cable, HDMI Male / Female, Panel Mount, 25.0m
- [CTL-PM-HDMI-30](#) HDMI Cable, HDMI Male / Female, Panel Mount, 30.0m
- [CTL-PM-HDMI-45](#) HDMI Cable, HDMI Male / Female, Panel Mount, 45.0m

Tip What is the advantage of the panel mount feature of the CTL-PM-HDMI Series cable assemblies?

In a typical installation when an HDMI cable assembly must be installed through a wall or bulkhead, the use of a feed-thru adapter as shown in Figure 1 must be used. By using a CTL-PM-HDMI series cable assembly, you

can eliminate the use of a feed-thru adapter thereby simplifying the installation and reducing the overall cost and total signal loss.

