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## CA-HM

Active High Speed HDMI Cable with Ethernet

| HDMI | 4K/60 UHD (4:4:4)



CA-HM active HDMI copper cable provides a perfect cable solution for delivering HDMI signals over long distances: 18Gbps up to 20m (66ft) and 10.2 Gbps up to 30m (98ft). The innovative technology utilized in the cable's connector features superior equalizing and signal compensation to meet the most demanding challenges in Pro AV installations.

This unique solution simplifies long distance installations by using a true plug & play cable that draws power from the HDMI source. There is no need for an external power source.

CA-HM features the Kramer exclusive K-Lock HDMI connector, that prevents cables in your installation from unintentionally disconnecting, eliminating cable-related service calls. Additionally, an LED on the connector indicates when the signal is transmitted successfully

## FEATURES

Video Resolution - Up to 4K@60Hz (4:4:4)

High Data Transfer Rate - Up to 18Gbps

HDMI Support - HDCP 2.2, HDR, EDID, ARC and CEC

Deep Color, x.v.Color™, 5.1/7.1 lossless Dolby TrueHD and DTS-HD surround sound

High-quality Connectors - 24K gold-plated, corrosion-resistant connectors offer the best possible connectivity

Pull-resistant - K-Lock connectors with 15 lbs. of restraining force

Triple Shielded - For maximum EMI protection

UL Listed - CL3/FT4 rated for in-wall installations

Varied Selection of Lengths - Available in versions of 15 to 98ft (4.6 to 30m)



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## TECHNICAL SPECIFICATIONS

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|------------|--|
| Video      | Max Resolution for 15–66ft (4.6–20m) lengths 4K@60Hz (4:4:4)<br>Max Resolution for 82ft (25m) length 4K@60Hz (4:2:0)<br>Max Resolution for 98ft (30m) length c<br>Max Data Rate for 15–66ft (4.6–20m) lengths 18 Gbps (6Gbps per channel)<br>Max Data Rate for 82–98ft (25–30m) length 10.2 Gbps (3.4Gbps per channel)<br>HDMI Compliance: HDCP 2.2, HDR, EDID and CEC |
| Audio      | Supported Formats: Dolby Digital Plus, Dolby TrueHD, DTS–HD Master Audio™, DVD Audio, SA–CD  |
| PHYSICAL   | HDMI Source: On a male type A, 24K gold–plated K–Lock connector<br>HDMI Display: On a male Type A, 24K gold–plated K–Lock connector (optional external power input via micro USB connector)  |
| CONDUCTORS | 15ft (4.6m) length: 32AWG<br>25–35ft (7.6–10.7m) lengths: 28AWG<br>50ft (15.2m) length: 26AWG<br>66–98ft (20–30m) lengths: 24AWG   |
| SCREENING  | TMDS pairs: aluminum/mylar<br>Overall: aluminum/mylar + aluminum braid   |
| JACKET     | Material: PVC<br>Color: Black<br>Diameter - 15ft (4.6m) length: 5.5±0.15mm<br>Diameter - 25–35ft (7.6–10.7m) lengths: 7.10±0.15mm<br>Diameter - 50ft (15.2m) length: 8.5±0.20mm<br>Diameter - 66–98ft (20–30m) lengths: 9.5±0.25mm   |
| MECHANICAL | Cable Bending radius - 15ft (4.6m) length: 27.5mm<br>Cable Bending radius - 25–35ft (7.6–10.7m) lengths: 35.5mm<br>Cable Bending radius - 50ft (15.2m) length: 42.5mm<br>Cable Bending radius - 66–98ft (20–30m) lengths: 47.5mm<br>Connector Max. Pulling Strength: 15lbs/6.8kg   |
| ELECTRICAL | Power Consumption Up to 90mA / 1mA (standby mode)<br>Temperature Rating: 80°C<br>Voltage Rating: 30V<br>Conductor Resistance - 32AWG: 588 Ω/km<br>Conductor Resistance - 28AWG: 237.25588 Ω/km<br>Conductor Resistance - 26AWG: 148.94 Ω/km  |

Conductor Resistance - 24AWG: 381  $\Omega$ /km

REGULATORY

Electrical UL listed, CL3/FT4

Environmental RoHS 2011/65/EU





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## CONFIGURATIONS

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| CA-HM-15 | Active High Speed HDMI Cable with Ethernet |
| CA-HM-25 | Active High Speed HDMI Cable with Ethernet |
| CA-HM-35 | Active High Speed HDMI Cable with Ethernet |
| CA-HM-50 | Active High Speed HDMI Cable with Ethernet |
| CA-HM-66 | Active High Speed HDMI Cable with Ethernet |
| CA-HM-82 | Active High Speed HDMI Cable with Ethernet |
| CA-HM-98 | Active High Speed HDMI Cable with Ethernet |