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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

Video	Max Resolution for 15–66ft (4.6–20m) lengths 4K@60Hz (4:4:4) Max Resolution for 82ft (25m) length 4K@60Hz (4:2:0) Max Resolution for 98ft (30m) length 1080p@60Hz Max Data Rate for 15–66ft (4.6–20m) lengths 18 Gbps (6Gbps per channel) Max Data Rate for 82–98ft (25–30m) length 10.2 Gbps (3.4Gbps per channel) 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 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 25–35ft (7.6–10.7m) lengths: 28AWG 50ft (15.2m) length: 26AWG 66–98ft (20–30m) lengths: 24AWG
SCREENING	TMDS pairs: aluminum/mylar Overall: aluminum/mylar + aluminum braid
JACKET	Material: PVC Color: Black Diameter - 15ft (4.6m) length: 5.5±0.15mm Diameter - 25–35ft (7.6–10.7m) lengths: 7.10±0.15mm Diameter - 50ft (15.2m) length: 8.5±0.20mm Diameter - 66–98ft (20–30m) lengths: 9.5±0.25mm
MECHANICAL	Cable Bending radius - 15ft (4.6m) length: 27.5mm Cable Bending radius - 25–35ft (7.6–10.7m) lengths: 35.5mm Cable Bending radius - 50ft (15.2m) length: 42.5mm Cable Bending radius - 66–98ft (20–30m) lengths: 47.5mm Connector Max. Pulling Strength: 15lbs/6.8kg
ELECTRICAL	Power Consumption Up to 90mA / 1mA (standby mode) Temperature Rating: 80°C Voltage Rating: 30V Conductor Resistance - 32AWG: 588 Ω/km Conductor Resistance - 28AWG: 237.25588 Ω/km Conductor Resistance - 26AWG: 148.94 Ω/km

Conductor Resistance - 24AWG: 381 Ω /km

REGULATORY

Electrical UL listed, CL3/FT4

Environmental RoHS 2011/65/EU





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CONFIGURATIONS

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