CA-HM
Active High Speed HDMI Cable with Ethernet

CA−HM active HDMI copper cable provides a perfect cable solution for delivering HDMI signals over long distances: 18Gbps up to 20m (66ft), 10.2 Gbps up to 25m (82ft) and 6.75Gbps 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

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 12-Bit
Max Data Rate for 15-66ft (4.6-20m) lengths	18 Gbps (6Gbps per channel)
Max Data Rate for 82ft (25m) length	10.2 Gbps (3.4Gbps per channel)
Max Data Rate for 98ft (30m) length	6.75Gbps (2.25Gbps per channel)
HDMI Compliance:	HDCP 2.2, HDR, EDID and CEC
Supported Formats:	Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD
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)
15ft (4.6m) length:	32AWG
25-35ft (7.6-10.7m) lengths:	28AWG
50ft (15.2m) length:	26AWG
66-98ft (20-30m) lengths:	24AWG
TMDS pairs:	aluminum/mylar
Overall:	aluminum/mylar + aluminum braid
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
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)	47.5mm

lengths:

Connector Max. Pulling Strength:	15lbs/6.8kg
Power Consumption	90mA (18Gbps)/ 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
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