CElabs®

CEY 1-5
8K HDMI Cable

Commercial-Grade

One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.

Commercial-Grade

With durable construction and ultra-sleek design, CE Labs HDMI cables are perfect for any project that requires 24/7 performance.

CE PROLink™

CE Labs PROLink™ Series creates a fully connected PROAV ecosystem. Easily connect, control, and manage your entire network.

3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

PRODUCT OVERVIEW

CE Labs 8K HDMI cables are designed to support UHD/8K/HDR pristine signals while surviving in the harshest environments. CE labs HDMI cables are purpose-built and include features such as metalized housings, rubberized over-molds, generous gold-plated contacts, and a tough PVC jacket. The CE labs 8K HDMI cables support full 48Gb bandwidth which allows them to support high bandwidth dependent content and features, such as Dynamic HDR, Dolby Vision™, Dolby Atmos®, and DTS:X®. CE labs 8K HMDI cable are perfect for any professional AV integrators that requires very best commercial-grade performance.

FEATURES

Optimized construction for Ultra-High Speed.

Commercial grade design for use in challenging professional deployments.

Supports HDMI 2.1a content with full 48Gb bandwidth.

SPECIFICATIONS

MODEL: CEY 1-5

FEATURES

Ultra-High Speed HDMI Cable with Ethernet: UL20276

Supports full 8K@60Hz, 48Gbps

Compatible with HDMI 2.1 Category 3

ARC (Audio Return Channel)

Gigabit Ethernet

Enhanced Durability / Rugged Metal Shell

Gold Plated Contacts

Larger Gauge wire for Lower Signal Loss

Integrated Shell Indentions for easy unplugging

Integrated Over mold cable strain relief

MECHANICAL

2 HDMI Type A male connectors

Low Density Polyvinyl Chloride Jacket

Outer Connector Housing made from Cast Zinc Alloy

Gold Plated Shell

Gold Plated Contacts

28ga. AWG copper wiring

Cable diameter 8.0mm

Cable Construction: 28AWG 2.0V (19+1BC) HDMI CABLE
(0.404BC+FPE) * 1P+D+AL *5C + (0.32BC+HDPE)
*4C + AL + D + B + PVC OD 8.0mm

ELECTRICAL / SPECIFICATIONS

UL Rating to 80°C

Electrical Rating up to 30V

High Speed HDMI Cable with Ethernet: UL20276

Aluminum Braided and Foil Shielding

DC loss <100mV

Inter-Pair Skew <50pS

Intra-Pair Skew <112pS

Impedance 100 Ω ±10%

Contact Resistance 10milliohms Max

Contact Current Rating 0.5A min.

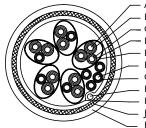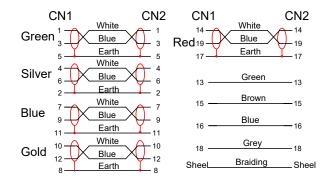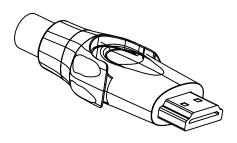TMDS Cross Talk (FEXT) <20dB

Supports full 8K@60Hz, 48Gbps

Compatible with HDMI 2.1 Category 3

Gold Plated Contacts

Contacts will withstand 10,000 plug cycles

SIGNAL ASSIGNMENT

Integrated 802.3 10/100/1000M Ethernet MAC with RGMII interface

IP, TCP, UDP, ICMP, ARP, DHCP, HTTP, RTP, RTSP, NTP, DNS

	CN1		CN2
Green	1	White	1
	3	Blue	3
	5	Earth	5
Silver	4	White	4
	6	Blue	6
	2	Earth	2
Blue	7	White	7
	9	Blue	9
	11	Earth	11
Gold	10	White	10
	12	Blue	12
	8	Earth	8

	CN1		CN2
Red	14	White	14
	19	Blue	19
	17	Earth	17
	13	Green	13
	15	Brown	15
	16	Blue	16
	18	Grey	18
Sheel		Braiding	Sheel

CABLE LENGTHS

1M	900-1209-60	5M	900-1209-63
2M	900-1209-61		
3M	900-1209-62		

NOTES

1. 100% Open/Short Test
2. Conductive Resistance: 5ohms MAX
3. Insulation Resistance: 10M ohm MIN
4. Hi-POT: DC 300V/10MS
5. Support 1080P/3D/4K*2K@60Hz 18Gpbs/8k@60Hz 48Gpbs

CABLE INTERNAL CONSTRUCTION

A) Conductor 1/0.404BS
B) Insulation FPE [1.15mm(White/Blue)]
C) Drain wire 1/0.32BC
D) Insulation PE 0.7mm
E) A Foil
F) Conductor 1/0.32BC
G) Insulation PE 0.7mm
H) Drain wire 1/0.32BC
I) Al Foil
J) Braiding 16/8/0.12AL
K) Jacket OD:8+0.15mm Black

WARRANTY: *3 year warranty, parts and labor.

Learn more about CE Labs at www.celabs.com.

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