

HiFi Residential HDMI Cables - VW1 UL Rated

Super Sonic Speed 21Gbps, 1080p, Ultra HD/4K, 3D, Ethernet, ARC

KD-HIFI3	3 ft. HDMI Cable	30 AWG	Ultra HD/4K	
KD-HIFI6	6 ft. HDMI Cable	30 AWG	Ultra HD/4K	
KD-HIFI9	9 ft. HDMI Cable	30 AWG	Ultra HD/4K	



Key Features

- **21 Gbps Speed:** Super Sonic Bandwidth
- **Ultra HD/4K:** 4K x 2k video resolution support for 4K-capable televisions and commercial applications such as Digital Movie Theaters, CAD, Post Production, Graphics and etc.
- **3D:** Capability to pass 3D stereoscopic signal formats
- **Ethernet Channel:** 100 Mb/s Ethernet between two HDMI connecting devices
- **Audio Return Channel:** Audio can be returned from display back to HDMI source for amplification and display
- **Full HD 1080p+:** Guaranteed Performance

- **OPEN EYE™ Technology:** Certified & tested for low loss and noise-free performance
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- **Refresh Rates:** 120/240/480/600Hz
- **Deep Color:** 16 Bit



HiFi Commercial HDMI Cables - CL3/FT4 UL Rated

Super Sonic Speed 21Gbps, 1080p, Ultra HD/4K, 3D, Ethernet, ARC

KD-HIFI12X	12 ft. HDMI Cable	28 AWG	Ultra HD/4K
KD-HIFI16X	16 ft. HDMI Cable	28 AWG	Ultra HD/4K
KD-HIFI20X	20 ft. HDMI Cable	26 AWG	Ultra HD/4K
KD-HIFI30X	30 ft. HDMI Cable	26 AWG	—
KD-HIFI40X	40 ft. HDMI Cable	24 AWG	—
KD-HIFI50X	50 ft. HDMI Cable	24 AWG	—
KD-HIFI75X	75 ft. HDMI Cable	24 AWG	—

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE



Key Features

- **21 Gbps Speed:** Super Sonic Bandwidth
- **Ultra HD/4K:** 4K x 2k video resolution support for 4K-capable televisions and commercial applications such as Digital Movie Theaters, CAD, Post Production, Graphics and etc. (12'/16'/20' Models)
- **3D:** Capability to pass 3D stereoscopic signal formats
- **Ethernet Channel:** 100 Mb/s Ethernet between two HDMI connecting devices
- **Audio Return Channel:** Audio can be returned from display back to HDMI source for amplification and display
- **Full HD 1080p+:** Guaranteed Performance

- **OPEN EYE™ Technology:** Certified & tested for low loss and noise-free performance



- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- **Refresh Rates:** 120/240/480/600Hz
- **Deep Color:** 16 Bit
- **LED Head with Equalization:** On lengths 30 ft. and up



HiFi Commercial ProK HDMI Cables - CL3/FT4 UL Rated

Super Sonic Speed 31.5Gbps, 1080p, Ultra HD/4K, 3D, Ethernet, ARC with RedMere Technology

KD-HIFI30ProK	30 ft. HDMI Cable	26 AWG	Ultra HD/4K	
KD-HIFI40ProK	40 ft. HDMI Cable	26 AWG	Ultra HD/4K	
KD-HIFI50ProK	50 ft. HDMI Cable	24 AWG	Ultra HD/4K	
KD-HIFI60ProK	60 ft. HDMI Cable	24 AWG	Ultra HD/4K	
KD-HIFI75ProK	75 ft. HDMI Cable	24 AWG	Ultra HD/4K	



Key Features

- **31.5 Gbps Speed:** Super Sonic Bandwidth
- **RedMere® Technology:** Powers Ultra HD/4K resolution support
- **Ultra HD/4K:** 4K x 2k video resolution support for 4K-capable televisions and commercial applications such as Digital Movie Theaters, CAD, Post Production, Graphics and etc.
- **3D:** Capability to pass 3D stereoscopic signal formats
- **Ethernet Channel:** 100 Mb/s Ethernet between two HDMI connecting devices
- **Audio Return Channel:** Audio can be returned from display back to HDMI source for amplification and display

- **Full HD 1080p+:** Guaranteed Performance
- **OPEN EYE™ Technology:** Certified & tested for low loss and noise-free performance
- **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- **Refresh Rates:** 120/240/480/600Hz
- **Deep Color:** 48 Bit



4K HDMI® Extenders, Boosters & Buffers

**PHANTOM
SERIES™**

KD-HD1x1ProK

[Product Link](#)

HDMI Extender Booster & Buffer of EDID/HDCP/TMDS/3D/ARC/Ultra HD/4K with EDID Control, Hot Plug Control & built-in Audio De-Embedder of Digital Coaxial & Analog L/R

Key Features

- › **Extension:** Ultra HD/4K (4096x2160/60/30/24 or 3840x2160/60/30/24), 3D, 1080p/60, 1080p/24, 1080i, 720p, 480p/i HDMI signals up to 75 ft.
- › **Resolution Support:** SD, HD, and VESA up to UHD/4K (4096x2160/60/30/24 or 3840x2160/60/30/24)
- › **Ultra HD/4K:** Supports Ultra HD/4K Signal transmission
- › **3D Ready:** Capability to pass 3D stereoscopic signal formats
- › **Ethernet Channel:** 100 Mb/s Ethernet between two HDMI connecting devices
- › **Audio Return Channel:** Allows audio to be returned from a display to an HDMI output, for audio distribution
- › **Audio De-Embedder:** Can de-embed audio from the HDMI input and send it to external digital or analog audio outputs
- › **EDID:** Internal library with 16 default EDID configurations for each input, including native EDID data for any Output/Display
- › **Full Buffer™ System:** Manages TMDS re-clocking / signal re-generation, HDCP source & display authentication, Hot Plug Management and EDID Control handshake
- › **Forced HPD:** Capable of forcing HPD (Hot Plug Detection) to ensure a source always puts out a signal
- › **Auto Adjustment:** Feedback, equalization and amplification depending on the length of cabling used
- › **Lossless Compressed Digital Audio:** Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- › **Deep Color Support:** Up to 12 bits/color (up to 8 bits/color@4K/60)
- › **I2C Communication:** EDID and HDCP transparency from Display to Source
- › **Licensing:** Fully licensed and compatible with all HDMI and HDCP technologies



HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

3D Ultra HD/4K



Specifications

- › Inputs: 1 HDMI connector
- › Outputs: 1 HDMI connector
- › Bandwidth: 3.4 Gb/s TMDS bandwidth
- › DDC Signal: 5 Volts p-p (TTL)
- › HDMI Video/Audio Signal: 1.2 Volts p-p
- › HDMI Connector: Type A, 19 Pin Female
- › Power Source: 5 Volt DC @ 2 Amps, 100-240 VAC, 50-60 Hz
- › Mounting Bracket: Included
- › Accessories: Mounting Bracket, 5V 2A UL Certified Power Supply
- › Product: 4" x 2.5" x 1", Weight: 4 oz.
- › Packaging: 8.6" x 5.8" x 2", Weight: 16 oz.
- › Regulation: CE, RoHS, WEEE
- › Enclosure: Black Metal



System Design Example

