

HDMI 2.1 HIGH SPEED WITH ETHERNET CABLES

Data Sheet including Construction, Design and Specification Drawing

Dueltek Part Number	Product Description
HD24K-300	30M HDMI 4K UHD High Speed with Ethernet Cable Version 2.0 / 2.1 @ 60Hz 4:4:4



The Dueltek Premium HDMI 4K UHD High Speed with Ethernet cable is designed and tested to handle video resolutions of 4K 4:4:4 and beyond, including advanced display technologies such as 4K, 3D, and Deep Colour. Specified to HDMI Version Standard 2.1 @ 60Hz, it is fully backwards compatible with previous HDMI versions such as 1.3a, 1.3b, 1.3c, 1.4 and 2.0. Includes HT8181 18Gb Re-Clocking Booster to ensure distance and transmission is exceeded.

If you are using any of these technologies, or if you are connecting your High Definition display to a HDMI content source, such as a media player, X-Box, Playstation or Blu-ray Disc player, this is the recommended cable.

Featuring an additional dedicated data channel, known as the HDMI Ethernet Channel, for device networking. HDMI Ethernet Channel functionality is only available if both linked devices are HDMI Ethernet Channel-enabled.

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Specifications:

- HDMI Version: 2.1 @ 60Hz
- 4:4:4 Chroma
- Re-Clocking HT8181 18G Chipset located at 10M section of cable structure
- Connectors: HDMI 19 pin Type-A Male to Male
- Shielded for high protection against RFI and EMI interference.
- RoHS Compliant..
- 24K Gold-plated corrosion-resistant certified connectors.
- Gas-injected dielectric insulation.
- HDMI 2.1 Compliant Premium Certified cable
- Guaranteed and tested to work on Xbox One S and PlayStation 4 Pro consoles with all standards / features supported
- PC based high frame rate video cards and monitors with Nvidia G-Sync or Freesync
- High Dynamic Range HDR – including HDR10 / Premium (rec2020)
- High Dynamic Range Dolby Vision
- High Speed Display frame rates beyond 120Hz & 240fps
- 21:9 cinema aspect ratio
- Up to 32 audio channels and a 1536 kHz audio sampling rate
- Bandwidth in excess of 18GB/S
- Simultaneous delivery of dual video streams to multiple users on the same screen
- SA-CD, DVD-Audio, DTS-HD Master Audio, Dolby TrueHD, Dolby ATMOS and other high-definition audio standards Deep colour, up to 16-bits per channel, including Sony's x.vColor standard
- Extended CEC (Consumer Electronics Control) commands and functions, HEC (HDMI Ethernet Channel) and ARC (Audio Return Channel) standards

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