



Premium Standard HDMI Cable with Ethernet, 20m

No.: 41118

Description

- Affordable, high quality Premium HDMI Cable with 24K gold plated connectors and Ethernet function for the latest devices
- Supports resolutions up to Ultra HD 4K 3840x2160 60Hz, including 1080p 3D
- Supports Dolby® True HD, DTS-HD Master Audio up to 32 audio channels
- Full support for HEC, ARC and CEC compliant devices
- 10 year warranty

The LINDY Premium Standard HDMI Cable with Ethernet is a superb, high quality cable, ideal for use with Sky HD, PS3, Blu-Ray, HDTV and home cinema installations. It provides premium quality cable construction at an affordable price and features 24K gold plated contacts for optimum conductive ability and resistance to tarnishing and corrosion.

HDMI - The Standard for Connecting HDTV

All Digital

No compression, no conversion, pure digital direct from the source as it was meant to be seen and heard.

HDMI Ethernet Channel (HEC)

The HDMI HEC Cable specification has an additional data channel that enables high speed bidirectional communication. Connected devices that include this feature will be able to send and receive data via 100mb/sec Ethernet, making them instantly ready for any IP based application.

It will also allow internet enabled HDMI devices to share their internet connection with other HDMI devices without the need for a separate Ethernet cable. This new feature will also provide the connection platform to allow HDMI enabled devices to share content between devices.

Audio Return Channel (ARC)

The HDMI specification has an Audio Return Channel that will reduce the number of cables required to deliver audio upstream for processing and playback. In cases where HDTV's are directly receiving audio and video content, the Audio Return Channel allows the HDTV to send the audio stream to the A/V receiver over the HDMI cable, eliminating the need for an extra cable.

The HDMI specification defines common 3D formats and resolutions for HDMI-enabled devices. The specification will standardise the input/output portion of the home 3D system and will specify up to dual-stream 1080p resolution.

4K

The HDMI specification will enable HDMI devices to support high-definition (HD) resolutions four times beyond the resolution of 1080p. Support for 4K will allow the HDMI interface to transmit content at the same resolution as many digital theatres.

Formats supported include:

3840 x 2160 @ 24Hz/25Hz/30Hz/60Hz

4096 x 2160 @ 24Hz

Content Type

Content Type enables, automated picture setting selection with no user intervention. The Content Type feature enables a display to auto-detect the correct viewing mode to match the Content Type it is receiving from a source device, and to switch modes when a new connected source is selected. Content Type supports content profiles for gaming, movie, photograph and text viewing modes.

Audio Formats

HDMI supports multi-channel digital audio on a single cable. It transmits all ATSC HDTV standards and supports 8-channel, 192kHz, uncompressed digital audio and all currently available compressed formats (such as Dolby Digital & DTS), HDMI 1.3 adds additional support for new lossless digital audio formats Dolby TrueHD and DTS-HD Master Audio™ with bandwidth to spare to accommodate future enhancements and requirements.

Amongst other the following formats are supported:

SA-CD

DTS-HD Master Audio™

DVD-Audio

Dolby TrueHD

Dolby Digital / Plus

MPEG1 Layer I / II

MPEG2

MP3

AAC LC

DST / DSD (as used in SA-CD)

DTS

ATRAC

WMA Pro

MLP (as used in DVD-Audio)

Expanded Support for Colour Spaces

HDMI technology supports colour spaces designed specifically for digital still cameras. By supporting sYCC601, Adobe RGB and AdobeYCC601, HDMI-enabled display devices will be capable of reproducing more accurate life-like colours when connected to a digital still camera.

Technical details

Connectors:

- Connector A: HDMI Type A 19 Pin Male
- Connector B: HDMI Type A 19 Pin Male
- Housing material: ABS plastic
- Connector plating: Gold Flash
- Pin construction: Phosphor Copper
- Pin plating: Gold 1µ
- Dimensions (approx.): 22.7 x 13.5 x 39.4mm (WxDxH)

Cable construction:

- Length: 20m
- Standard: Standard HDMI with Ethernet
- Colour: Grey

- Type: Round
- Jacket diameter: 9.8mm
- Jacket material: PVC
- Conductor material: Stranded Core, Tinned Copper
- Conductor gauge: 24AWG
- Shielding: Aluminium foil, 125% coverage
- Ferrite: NA

Technical Information:

- Supported bandwidth: 340MHz / 10.2Gbps
- Maximum resolution: 3840 x 2160p 60Hz including 1080p 3D (4:2:0)
- Maximum colour depth: 8 bit
- Nominal Attenuation: -5dB@0.3~825MHz, -12dB@825~2475MHz, -20dB@2475~4125MHz, -25dB@4125~5100MHz
- Weight: 1.92kg
- Chipset: NA
- Minimum bend radius: 100mm
- Operating temperature: -20°C - 80°C
- Storage temperature: -10°C - 60°C
- ATC approved: Yes
- Lengths available: 7.5m - 20m
- Country of origin: China