



20m Fibre Optic Hybrid HDMI 2.0 18G Cable

No.: 38275

Description

- HDMI hybrid cable combines the advantages of a fibre optic cable with a copper cable and transmits full 4K HDMI signals with absolutely no degradation
- Supports resolutions up to Ultra HD 4K 4096 x 2160 @ 60Hz, including 1080p 3D
- Supports Dolby® True HD, DTS-HD Master Audio up to 32 audio channels
- Full support for CEC compliant devices
- 2 year warranty

Our Fibre Optic Hybrid HDMI cables are the perfect solution for easily extending HDMI digital signals over incredible distances. Perfect for professional and home cinema situations, they feature fibre-optic technology which allows transmission distances that far exceed the maximum supported by standard copper only cables.

These cables feature H-PCF (Hard-Polymer Clad Fibre) glass fibres for sending digital display signals. The transmitter and receiver modules are each equipped with standard HDMI Male connectors for connecting to the source and the display. The modules are connected together by a fibre and copper solution.

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.

The HDMI High Speed specification offers benefits over the previous version:

3D

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 others 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.

Please Note:

These cables are unidirectional and can only be used in one direction.
One end has TX and the other has RX. The TX must be in the source and the RX must be in the display or receiver.
Failure to follow the installation guide could result in the cable not working correctly.

Package contents:

4K HDMI Hybrid Cable
User manual

Technical details

Connectors

- Connector A: HDMI Type A Male
- Connector B: HDMI Type A Male
- Housing Material: Zinc Alloy
- Connector Plating: 24K Gold 3µm
- Pin Construction: Phosphor Bronze
- Pin Plating: 24K Gold 30µm
- Dimensions (approx.) WxDxH: 55x17x0.9mm (2.17x0.67x0.04in)

Cable Construction

- Length: 20m (65.62ft)
- Standard: HDMI 2.0
- Colour: Black
- Type: Round
- Jacket Diameter: 4.6mm (0.18in)
- Jacket Material: PVC LS0H
- Conductor Material: Fibre / Copper
- Conductor Gauge: 50/125µm / 24 AWG Copper
- Shielding: Aluminium Mylar

Specifications

- Supported Bandwidth: 18 Gbps

- Maximum Resolution: 4096x2160@60Hz 4:4:4 8bit
- Nominal Attenuation:
 - 850nm < 3.5dB
 - 1300nm < 1.2dB
- Minimum Bend Radius: 60mm (2.36in)
- Operating Temperature: -20°C - 60°C (-4°F - 140°F)
- Storage Temperature: -20°C - 70°C (-4°F - 158°F)

Miscellaneous

- Packaging Type: Carton box
- Warranty (Years): 2
- Certified: CE, FCC, RoHS & REACH

Purchasing Information

- No.: 38275
- EAN: 4002888382755

This product is also available in other lengths

- 10m (32.81ft) - 38274
- 20m (65.62ft) - 38275
- 30m (98.42ft) - 38276
- 40m (131.23ft) - 38277
- 50m (164.04ft) - 38278
- 70m (229.66ft) - 38279
- 100m (328.08ft) - 38280