

# ACTIVE HIGH SPEED HDMI™ CABLE WITH ETHERNET

Smooth images in 4K, Full HD and 3D over 20 to 30 metres and many years. The reason: a strong plug, gold-plated connectors and a flexible triple shielded premium cable.



## A PLUG THAT PROTECTS AGAINST CABLE BREAKAGE

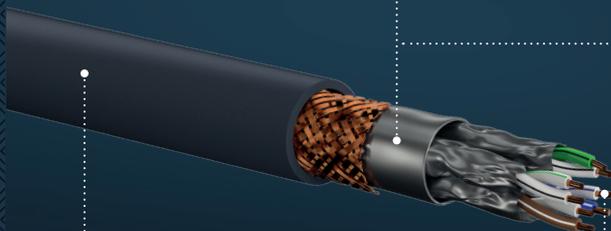
The plug of the Clicktronic High Speed HDMI™ Cable with Ethernet consists of three ABS and PVC parts, making it both flexible and robust: if you, for instance, pull the cable with a jerk, it absorbs some of the energy and protects the inner conductor.

## GOLD-PLATED CONNECTORS TO ENSURE A LONG SERVICE LIFE

To make sure that the connectors remain rust-free, they are coated with 24 Carat gold. This prevents them from oxidising. Plus: unlike many materials, gold is excellent at transmitting signals – for resistance-free transmission, completely without any interruptions.

## TRIPLE SHIELDED TO AVOID FLICKERING

No flickering, even if several cables run in parallel or the smartphone is lying right next to the cable: the triple shielding consisting of aluminium foil and copper braiding intercepts interfering signals. Even with stronger electromagnetic fields.



## A FLEXIBLE AND ROBUST PVC JACKET

The robust PVC jacket protects the Clicktronic High Speed HDMI™ cable with Ethernet and keeps it flexible enough to bend around any corner – no matter how long it has spent in one position. The reason: the PVC does not absorb water, even in humid conditions. This means that the cable does not become porous.

## OFC INNER CONDUCTORS FOR BRILLIANT SIGNAL QUALITY

Pin-sharp images, brilliant audio – even after years: the inner conductors made from 99.9% oxygen-free copper (OFC) are designed not to come into contact with oxygen. This means that they do not oxidise and they transmit signals excellently, just like on the very first day.

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## HIGH RESOLUTION OVER 20 TO 30 METRES

Smooth streaming, presenting and gameplay: The Clicktronic High Speed HDMI™ cable with Ethernet allows you to transmit audio and video signals from notebook, receiver or console to beamer or TV – over 20 to 30 metres and with a resolution of up to 4K (3840×2160 px) at 60 Hz or Full HD (1920×1080 px) at 60 Hz in 3D. Thanks to G-Sync™ and FreeSync™, this is even the case for games where quick reactions are crucial.

## WITH INTEGRATED SIGNAL AMPLIFIER

The cable transmits the signals via the integrated signal amplifier without data loss, even over long distances. Important: this means it has a signal direction. Connect it so that the printed triangle points from the transmitter to the receiver, e.g. from a Laptop ► zum ► Screen.

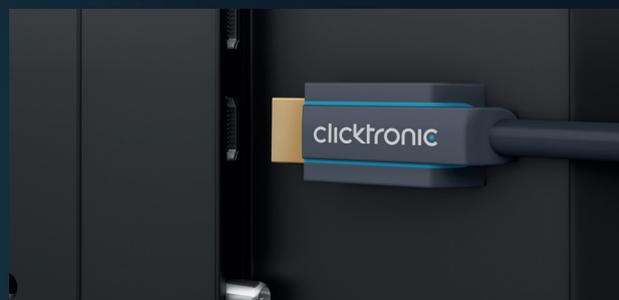


## SEVERAL CHANNELS FOR INCREASE CONVENIENCE

The Audio Return Channel (ARC) transmits and receives digital audio signals simultaneously. The Ethernet Channel (HEC) transmits the Internet signal e.g. from a console to a TV. And, thanks to Consumer Electronics Control (CEC), the television automatically switches on with the console and selects the right HDMI™ port. Plus: you can control the volume of the console directly using the TV remote control.



INPUT



OUTPUT

## ALL ADVANTAGES AT A GLANCE

### HIGH RESOLUTION

From up to 4K (3840×2160 px) at 60 Hz or Full HD (1920×1080 px) at 60 Hz in 3D with 14.4 Gbit/s.

### SMOOTH GAMEPLAY

G-Sync™ and FreeSync™ compatible.

### ACTIVE SIGNAL AMPLIFIER

For an optimal signal without data loss.  
IMPORTANT: The cable only transfers in one direction.

### MULTIFUNCTIONAL

Thanks to several channels: HEC, ARC, CEC.

### BRILLIANT SIGNAL QUALITY

No oxidation thanks to an inner conductor made from 99.9% oxygen-free copper (OFC).

### NO FLICKERING

Thanks to triple insulation.

### FLEXIBLE AND ROBUST CABLE

Thanks to the PVC jacket, which can be bent optimally even after years.

### STRONG PLUG

PVC and ABS ensure maximum flexibility in the event of a jerk on the cable.

### RUST-FREE CONNECTOR

Even after years – thanks to a 24 Carat gold coating.

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## SIGNAL TRANSMISSION

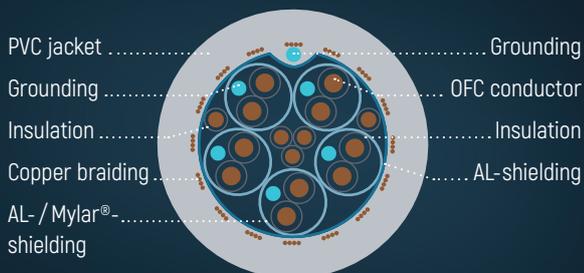
TRANSMISSION TYPES: digital audio and video signals

MAX. BANDWIDTH (MHz): 600 (20 - 30 m)

MAX. TRANSMISSION RATE (Gbit/s): 9 (20 - 30 m)

WAVE IMPEDANCE (Ω): 100

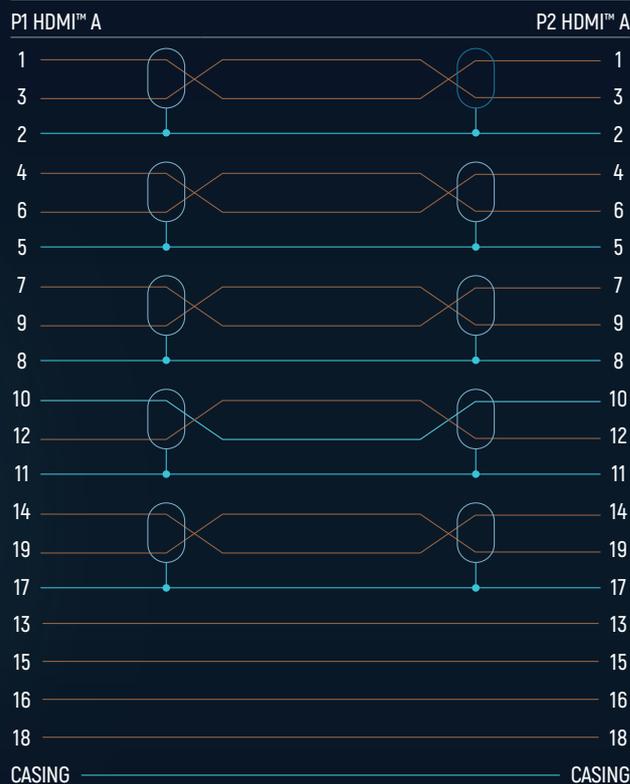
## CABLE CROSS-SECTION



## SUPPORTED FORMATS

AUDIO STANDARDS	Audio Return Channel (ARC), Dolby Digital / Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD-Audio, SA-CD
OTHER STANDARDS	HDMI™ Ethernet Channel (HEC), 3D, HDCP 2.2, CEC, 4K (2160 i / p), Full HD (1080 i / p), HD ready (720 i / p), SDTV (480 i / p)
COLOUR SPACES	HDR, 16 / 24 bit RGB / YUV, Deep Color, x.v.Color™

## CIRCUIT DIAGRAM



## PRODUCT DATA

CABLE LENGTH	Ø INNER CONDUCTOR	AWG	Ø OUTER JACKET
20 m	1×0.40+1×0.32 mm	26 + 28	8.2 mm
25 - 30 m	1×0.51+1×0.32 mm	24 + 28	10 mm

CABLE LENGTH	RRP	Packaged unit	SKU	EAN
20 m	149.99 €	1 / 4	39085	4040849390852
25 m	179.99 €	1 / 4	70088	4040849700880
30 m	199.99 €	1 / 4	70089	4040849700897



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