

# Mini-HDMI™ adapter cable with Ethernet

## high speed adapter from HDMI™ to Mini-HDMI™

Enjoy movies and games clearly in high resolution and dazzling quality. What does this cable do to an audio video signal? Nothing. It is, however, precisely this feature which proves its quality. Thanks to pure materials, precise processing, and modern technology, it combines your HDMI™ device with mobile appliances. Therefore, you can be sure that you get the experience exactly as it was meant to be.

- suitable for digital connection of mobile devices
- pure copper conductor and 2-way shielding for clear signal quality
- High Speed HDMI™ for 3D and HDTV up to 4K (2160p)
- integrated Ethernet channel saves additional network or audio cables
- 24-Karat gold plated contacts for minimum transfer resistances

### Specifications

#### Connections

Plug material:	triple-coated PVC / ABS
Contact material:	24-Karat gold plated
Shielding:	yes
Port 1, type:	HDMI™ connector (type A)
Connector 1, connector length (mm):	42.1
Connector 1, connector width (mm):	20.4
Connector 1, connector height (mm):	11.4
Port 2, type:	HDMI™ mini connector (type C)
Connector 2, connector length (mm):	36.3
Connector 2, connector width (mm):	14.0
Connector 2, connector height (mm):	8.4

#### cable

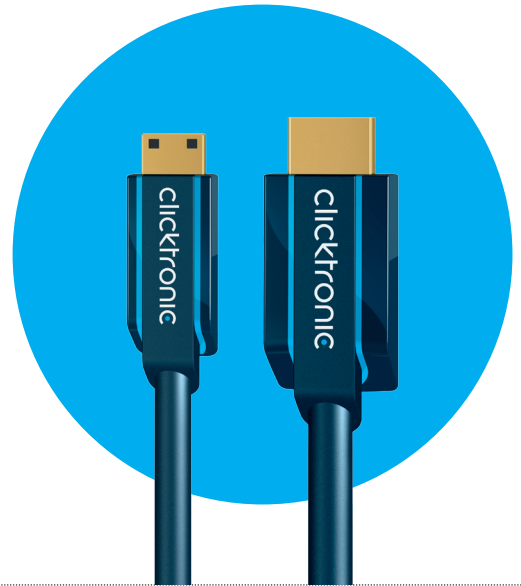
Type:	Round cable
Length (m):	1   2   3   5
Inner conductor material:	OFC (Oxygen free copper)
Inner conductor diameter (mm):	1 x 0.250
AWG:	30
Number of shieldings:	2 x
Type of 1st shielding	Aluminium foil
Type of 2nd shielding	Copper braid 112 wires x 0.10 mm cross section
Outer sheath material:	highly elastic PVC
Outer sheath diameter (mm):	6.0
Kink protection:	on both sides

#### Signal transmission

Transmission modes:	digital audio and video signals
max. Bandwidth (MHz):	340
max. Transfer rate (Gb / s):	10.2
max. Resolution:	4K (2160p)
Supported color spaces:	16/24 bit RGB/YUV, Deep Color, x.v.Color™
Supported audio standards:	Audio-Return Channel (ARC), Dolby Digital/Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD-Audio, SA-CD
Other supported standards:	HDMI™ Ethernet Channel (HEC), 3D, HDCP, CEC, 4K (2160i/p), Full HD (1080i/p), HD ready (720i/p), SDTV (480i/p)
Characteristic impedance (Ω):	100

#### General

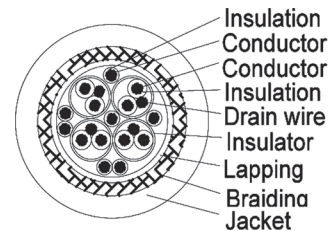
Operating temperature from / to (°C):	-10 / +80
Certification:	(ATC) Authorized Testing Centers
Warranty (years):	10



 HDMI™ connector (type A)       HDMI™ mini connector (type C)



#### Cross section











#### Wiring diagram

Type C PIN	Signal Assignment	Type A PIN
2 Blue	[Circuit diagram showing cross-connection]	Blue 1
1 Earth		Earth 2
3 White	[Circuit diagram showing cross-connection]	White 3
5 Blue		Blue 4
4 Earth	[Circuit diagram showing cross-connection]	Earth 5
6 White		White 6
8 Blue	[Circuit diagram showing cross-connection]	Blue 7
7 Earth		Earth 8
9 White	[Circuit diagram showing cross-connection]	White 9
11 Blue		Blue 10
10 Earth	[Circuit diagram showing cross-connection]	Earth 11
12 White		White 12
13	Green DDC/CEC Ground	Green 17
14	White CEC	White 13
15	Orange SCL	Orange 15
16	Purple SDA	Purple 16
17	Gray	Gray 14
18	Red +5 Volts Power	Red 18
19	Yellow Hot Plug Detect	Yellow 19


**10 Years Warranty** **OFC** **24 Carat Gold** **2x**  
 Designed in Germany    High-Quality Assurance    99,99% Oxygen Free Copper    Anti Resistance Connections    Cable Shielding

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Article no.	Cable lengths (m)	Packaging dimensions (mm)	Weight (kg)	Figure	EAN Code
70320	1.00	Single carton: 185 x 80 x 25 Master carton (40 pcs.): 400 x 295 x 235	Single carton: XX Master carton: XX		 4 040849 703201
70322	2.00	Single carton: 185 x 80 x 25 Master carton (40 pcs.): 400 x 295 x 235	Single carton: XX Master carton: XX		 4 040849 703225
70323	3.00	Single carton: 185 x 180 x 40 Master carton (24 pcs.): 400 x 285 x 435	Single carton: XX Master carton: XX		 4 040849 703232
70324	5.00	Single carton: 185 x 180 x 55 Master carton (20 pcs.): 400 x 310 x 435	Single carton: XX Master carton: XX		 4 040849 703249

TARIC Code: 85444290900

At Clicktronic® cables are designated as standard HDMI™ cables above a length of 7.5 meters, according to the test criteria, even if they originally are designed as High Speed HDMI™ cables and mostly show a significant power increase over long distances.

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