

# High Speed HDMI™ flat cable with Ethernet

## high-speed flat cable for HD and 3D TV

Let your cable system disappear almost completely and enjoy movies and games with high clarity, high resolution and dazzling quality, even in 3D. 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 TV with other devices and the Internet. Just as befits a sophisticated system! Therefore, you can be sure that you get the experience exactly as it was meant to be.

- 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):	20.9
Connector 1, connector height (mm):	10.8
Port 2, type:	HDMI™ connector (type A)
Connector 2, connector length (mm):	42.1
Connector 2, connector width (mm):	20.9
Connector 2, connector height (mm):	10.8

#### cable

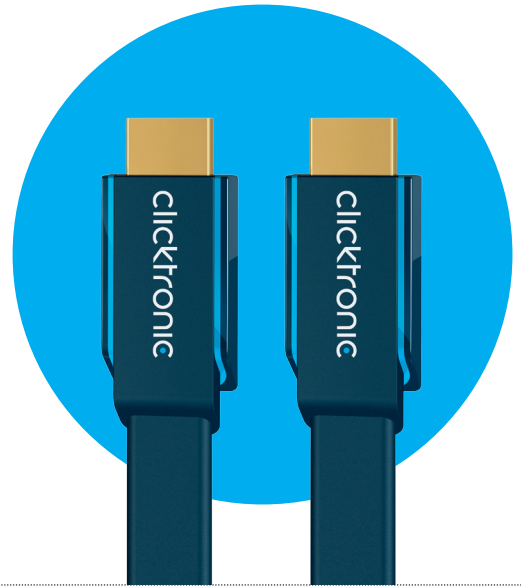
Type:	Flat cable
Length (m):	1   2   3   5
Inner conductor material:	OFC (Oxygen free copper)
Inner conductor diameter (mm):	7 x 0.100
AWG:	30
Number of shieldings:	2 x
Type of 1st shielding	Aluminium foil + drain
Type of 2nd shielding	Copper braid 40 wires x 0.10 mm cross section
Outer sheath material:	highly elastic PVC
Outer sheath diameter (mm):	14 x 4
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)
Capacitance (pF):	89
Characteristic impedance (Ω):	100

#### General

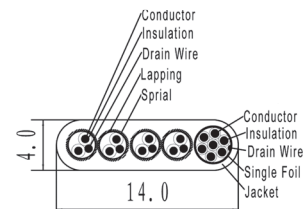
Operating temperature from / to (°C):	-10 / +80
Certification:	(ATC) Authorized Testing Centers
Warranty (years):	10



HDMI™ connector (type A)      HDMI™ connector (type A)



#### Cross section







#### Wiring diagram

Type A PIN	Signal Assignment	Type A PIN
1 red		red 1
2 earth		earth 2
3 white		white 3
4 blue		blue 4
5 earth		earth 5
6 white		white 6
7 green		green 7
8 earth		earth 8
9 white		white 9
10 brown		brown 10
11 earth		earth 11
12 white		white 12
13 green	CEC	green 13
14 gray		gray 14
15 orange	SCL	orange 15
16 purple	SDA	purple 16
17 white	DDC/CEC Ground	white 17
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
70312	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 703126
70314	2.00	Single carton: 185 x 80 x 35 Master carton (30 pcs.): 425 x 270 x 235	Einzelkarton: XX Export VPE: XX		4 040849 703140
70315	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 703157
70316	5.00	Single carton: 185 x 180 x 40 Master carton (24 pcs.): 400 x 285 x 435	Single carton: XX Master carton: XX		4 040849 703164

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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