

High Speed HDMI™ cable with Ethernet

high-speed cable for HD and 3D TV

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 (0.5-3 m) 47.3 (5-20 m)
Connector 1, connector width (mm):	20.4 (0.5-3 m) 20.9 (5-20 m)
Connector 1, connector height (mm):	11.4 (0.5-20 m)
Port 2, type:	HDMI™ connector (type A)
Connector 2, connector length (mm):	42.1 (0.5-3 m) 47.3 (5-20 m)
Connector 2, connector width (mm):	20.4 (0.5-3 m) 20.9 (5-20 m)
Connector 2, connector height (mm):	11.4 (0.5-20 m)

cable

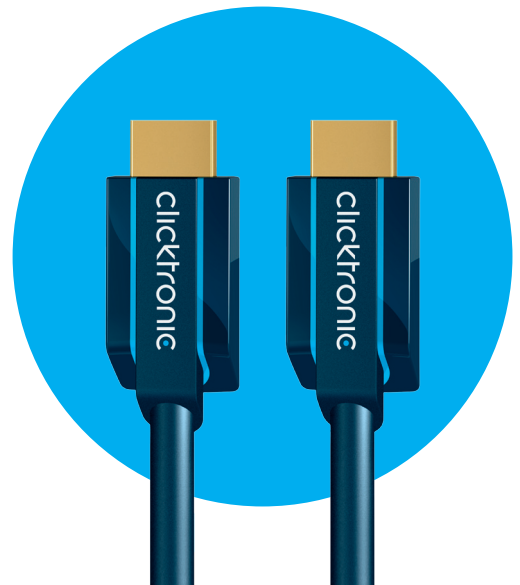
Type:	Round cable
Length (m):	0.5 1 1.5 2 3 5 7.5 10 15 20
Inner conductor material:	OFC (Oxygen free copper)
Inner conductor diameter (mm):	1 x 0.250 (0.5-3 m) 1 x 0.410 (5 m) 7 x 0.200 (7.5-20 m)
AWG:	30 (0.5-3 m) 28 (5 m) 24 (7.5-20 m)
Number of shieldings:	2 x
Type of 1st shielding	Aluminium foil
Type of 2nd shielding	Copper braid 112 wires x 0.10 mm cross section (0.5-3 m) Copper braid 160 wires x 0.10 mm cross section (5-20 m)
Outer sheath material:	highly elastic PVC
Outer sheath diameter (mm):	6.0 (0.5-3 m) 8.0 (5 m) 9.5 (7.5-20 m)
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

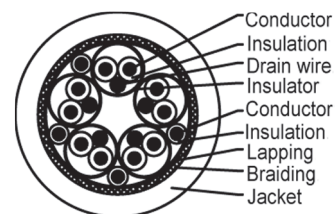
Operating temperature from / to (°C):	-10 / +80
Certification:	(ATC) Authorized Testing Centers
Warranty (years):	10



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



Cross section













Wiring diagram

Type A PIN	Signal Assignment	Type A PIN
1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8
9		9
10		10
11		11
12		12
14		14
17		17
19		19
13	CEC	13
15	SCL	15
16	SDA	16
18	+5 Volts Power	18

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Article no.	Cable lengths (m)	Packaging dimensions (mm)	Weight (kg)	Figure	EAN Code
70300	0.50	Single carton: 185 x 80 x 25 Master carton (40 pcs.): 400 x 295 x 235	Single carton: XX Master carton: XX		4 040849 703003
70301	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 703010
70302	1.50	Single carton: 185 x 80 x 25 Master carton (40 pcs.): 400 x 295 x 235	Single carton: XX Master carton: XX		4 040849 703027
70303	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 703034
70304	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 703041
70305	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 703058
70306	7.50	Single carton: 185 x 180 x 55 Master carton (20 pcs.): 400 x 310 x 435	Single carton: XX Master carton: XX		4 040849 703065
70307	10.00	Single carton: 370 x 185 x 85 Master carton (6 pcs.): 400 x 285 x 420	Single carton: XX Master carton: XX		4 040849 703072
70309	15.00	Single carton: 370 x 185 x 85 Master carton (6 pcs.): 400 x 285 x 420	Single carton: XX Master carton: XX		4 040849 703096
70310	20.00	Single carton: 370 x 185 x 85 Master carton (6 pcs.): 400 x 285 x 420	Single carton: XX Master carton: XX		4 040849 703102

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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