

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.

- silver plated copper conductor and 4 layers of shielding for optimum signal quality
- shielded high precision full metal connector
- 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:	High precision full metal
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

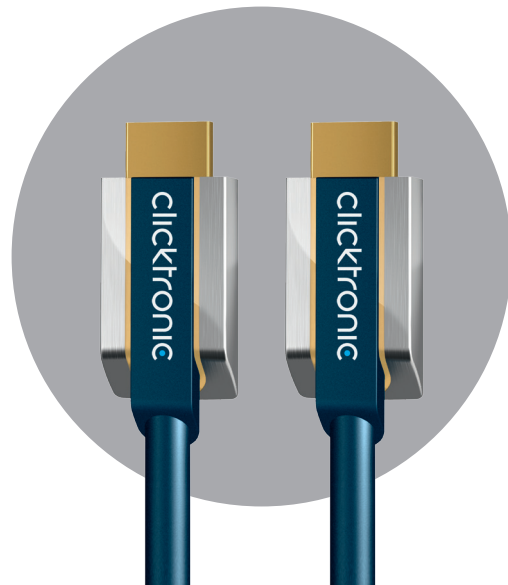
Type:	Round cable
Length (m):	0.5 1 1.5 2 3 5 7.5 10 15 20
Inner conductor material:	SPC (silver plated, oxygen free copper)
Inner conductor diameter (mm):	1 x 0.250 (0.5-3 m) 1 x 0.410 (5 m) 7 x 0.200 (7.5-20 m)
AWG:	30 (0.5-3 m) 26 (5 m) 24 (7.5-20 m)
Number of shieldings:	4 x
Type of 1st shielding	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)
Type of 3rd shielding	Aluminium foil
Type of 4th shielding	fully conductive and shielding PVC
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

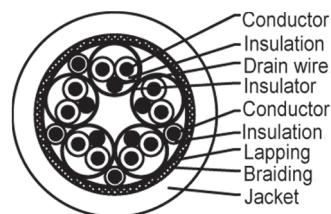
Operating temperature from / to (°C):	-10 / +80
Certification:	(ATC) Authorized Testing Centers
Warranty (years):	10



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



Cross section













Wiring diagram

Type A PIN	Signal Assignment	Type A PIN
1	[Circuit diagram showing pins 1, 2, 3, 4, 5, 6]	1
2		2
3		3
4	[Circuit diagram showing pins 4, 5, 6, 7, 8, 9]	4
5		5
6		6
7	[Circuit diagram showing pins 7, 8, 9, 10, 11, 12]	7
8		8
9		9
10	[Circuit diagram showing pins 10, 11, 12, 14, 17, 19]	10
11		11
12		12
14	[Circuit diagram showing pins 14, 17, 19]	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
70500	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 705007
70501	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 705014
70502	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 705021
70503	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 705038
70504	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 705045
70505	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 705052
70506	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 705069
70507	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 705072
70509	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 705090
70510	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 705106

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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