

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 (7.5-20 m)
Connector 1, connector width (mm):	20.4 (0.5-3 m) 20.9 (7.5-20 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 (7.5-20 m)
Connector 2, connector width (mm):	20.4 (0.5-3 m) 20.9 (7.5-20 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) 26 (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

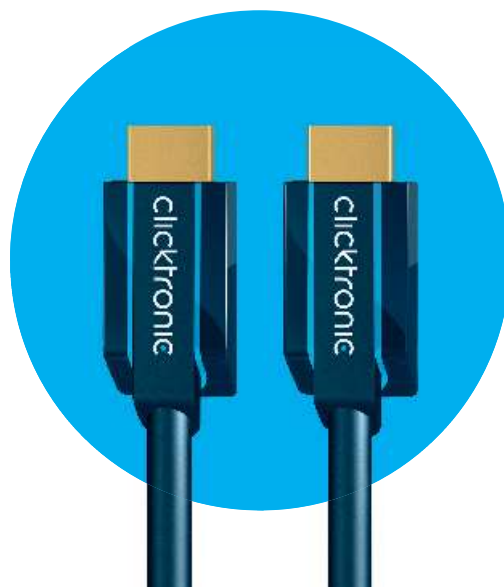
Transmission modes:	digital audio and video signals
max. Bandwidth (MHz):	340 (0.5-7.5 m) 195 (10 m) 75 (15-20 m)
max. Transfer rate (Gb / s)	10.2 (0.5-7.5 m) 4.95 (10 m) 2.25 (15-20 m)
max. Resolution:	4K (2160p) (0.5-7.5 m) Full HD (1080p) (10-20 m)
Supported color spaces:	16/24 bit RGB/YUV, Deep Color, 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, 0.5-7.5 m: Hi Speed, 10-20 m: Standard
Warranty (years):	10

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entertainment.
pure.

Casual



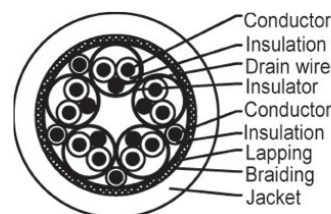
HDMI™ connector (type A)



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

Designed in Germany

10 Years Warranty
High-Quality Assurance

OF C
99.99% Oxygen Free Copper

24 Carat Gold
Anti-Resistance Connections

2x
Cable Shielding