

# HDMI™ / DVI adapter cable

## video adapter between HDMI™ and DVI-D

Enjoy movies and games in clear, 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 transfers digital video signals between HDMI™ and DVI-D devices. Therefore, you can be sure that you get the experience exactly as it was meant to be.

- transmits digital video signals in both directions
- pure copper conductor and 2-way shielding for clear signal quality
- Full HD-TV bis zu 1080p
- 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:	DVI-D connector (24 + 1 pin)
Connector 2, connector length (mm):	51.1
Connector 2, connector width (mm):	40.5
Connector 2, connector height (mm):	16.8

#### Cable

Type:	Round cable
Length (m):	1   2   3   5   7.5   10   15   20
Inner conductor material:	OFC (Oxygen free copper)
Inner conductor diameter (mm):	1 x 0.250 (1-3 m) 1 x 0.343 (5-7.5 m) 1 x 0.440 (10-20 m)
AWG:	30 (1-3 m) 26 (5-7.5 m) 24 (10-20 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
Outer sheath material:	highly elastic PVC
Outer sheath diameter (mm):	6.0 (1-3 m) 7.3 (5-7.5 m) 8.0 (10-20 m)
Kink protection:	on both sides

#### Signal transmission

Transmission modes:	digital video signals
max. Bandwidth (MHz):	195
max. transfer rate (Gb / s)	4.95
max. resolution:	Full HD (1080p), QXGA (2048 x 1536)
supported color spaces:	16/24 Bit RGB/YUV
other supported standards:	Full HD (1080i/p), HD ready (720i/p), SDTV (480i/p)
Characteristic impedance (Ω):	100

#### General

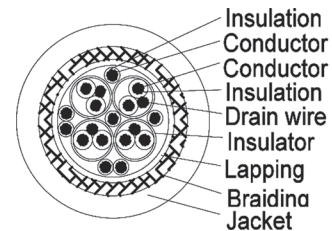
Operating temperature from / to (°C):	-10 / +80
Warranty (years):	10



 HDMI™ connector (type A)       DVI-D connector (24 + 1 pin)



#### Cross section











#### Wiring diagram

Type A PIN	Signal Assignment	DVI-D PIN
1 red	SCL	red 2
2 earth		earth 3
3 white	DDC Data	white 1
4 blue		blue 10
5 earth	DDC/CEC Ground	earth 11
6 white		white 9
7 green	+5 Volts Power	green 18
8 earth		earth 19
9 white	Hot Plug Detect	white 17
10 brown		brown 23
11 earth	N.C.	earth 22
12 white		white 24
15 orange	SCL	orange 6
16 purple	DDC Data	purple 7
17 white	DDC/CEC Ground	white 15
18 red	+5 Volts Power	red 14
19 yellow	Hot Plug Detect	yellow 16
13	N.C.	
14	N.C.	


**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
70340	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 703409
70341	2.00	Single carton: 185 x 80 x 35 Master carton (30 pcs.): 425 x 270 x 235	Single carton: XX Master carton: XX		4 040849 703416
70342	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 703423
70343	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 703430
70344	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 703447
70345	10.00	Single carton: 185 x 180 x 70 Master carton (16 pcs.): 400 x 315 x 435	Single carton: XX Master carton: XX		4 040849 703454
70347	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 703478
70348	20.00	Single carton: 370 x 185 x 85 Master carton (6 pcs.): 400 x 285 x 420	Einzelkarton: XX Export VPE: XX		4 040849 703485

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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