Mini-HDMI™ adapter cable with Ethernet

clicktronic®

entertainment.
pure.

high speed adapter from HDMI™ to Mini-HDMI™

Enjoy movies and games clearly in 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 combines your HDMI™ device with mobile appliances. Therefore, you can be sure that you get the experience exactly as it was meant to be.

- **suitable for digital connection of mobile devices**
- **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):	20.4
Connector 1, connector height (mm):	11.4
Port 2, type:	HDMI™ mini connector (type C)
Connector 2, connector length (mm):	36.3
Connector 2, connector width (mm):	14.0
Connector 2, connector height (mm):	8.4

cable

Type:	Round cable
Length (m):	1 | 2 | 3 | 5
Inner conductor material:	OFC (Oxygen free copper)
Inner conductor diameter (mm):	1 x 0.250
AWG:	30
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
Kink protection:	on both sides

Signal transmission

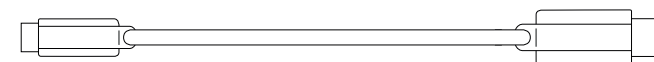|	
Transmission modes:	digital audio and video signals
max. Bandwidth (MHz):	340
max. Transfer rate (Gb / s)	10.2
max. Resolution:	4K (2160p)
Supported color spaces:	16/24 bit RGB/YUV, Deep Color, x.v.Color™
Supported audio standards:	Audio-Return Channel (ARC), Dolby Digital/Plus, Dolby TrueHD, DTS-HD 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

casual

HDMI™ connector (type A)	HDMI™ mini connector (type C)

Cross section

Insulation
Conductor
Conductor
Insulation
Drain wire
Insulator
Lapping
Braiding
Jacket
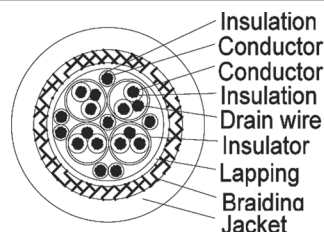
Wiring diagram

Type C PIN	Signal Assignment		Type A PIN
2 Blue			Blue 1
1 Earth			Earth 2
3 White			White 3
5 Blue			Blue 4
4 Earth			Earth 5
6 White			White 6
8 Blue			Blue 7
7 Earth			Earth 8
9 White			White 9
11 Blue			Blue 10
10 Earth			Earth 11
12 White			White 12
13	Green	DDC/CEC Ground	Green	17
14	White	CEC	White	13
15	Orange	SCL	Orange	15
16	Purple	SDA	Purple	16
17	Gray		Gray	14
18	Red	+5 Volts Power	Red	18
19	Yellow	Hot Plug Detect	Yellow	19