

## HDMI Male/Male cords

Cat. No(s): 0 398 54/55, 0 517 20/27/35/36



### 1. USE

#### Cords for audio/video transmission

Straight HDMI - HDMI (cable with multicore cords)

### 2. DESCRIPTION

The "Standard HDMI® with Ethernet" cord is the perfect solution for connecting multimedia source devices in home theatre, desktop or commercial audio video applications requiring high speed HDMI features. The CL2 rated cable jacket is designed to meet the requirements for in-wall installations.

The Ethernet capability of the cable allows the cable to serve as network cable to connect equipment between them.

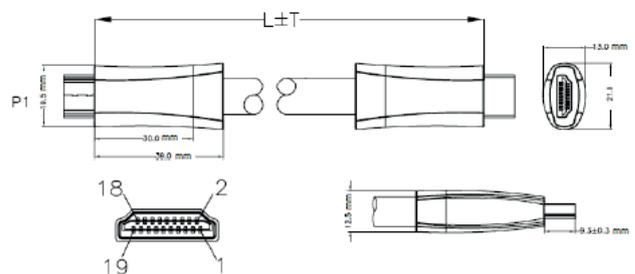
Experience the latest HDMI features including:

- (720p/1080i) video
  - 3D video, Deep Colour and x.v. Colour™
  - Dolby® True HD, DTS-HD Master Audio and up to 32 audio channels for a multi-dimensional immersive audio experience
  - Up to 1536kHz audio sample frequency for the highest audio fidelity
  - Simultaneous delivery of dual video streams to multiple users on the same screen
  - Simultaneous delivery of multi-stream audio to multiple users (up to 4)
  - Support for the wide angle theatrical 21:9 video aspect ratio
  - Dynamic synchronization of video and audio streams
  - CEC extensions for control of consumer electronics devices through a single control point
- This fully-functional, high bandwidth cable is tested to perform at industry standards and is backed by a lifetime warranty.

Note: Both the source device and display must support a HDMI feature in order to pass that feature through this cable

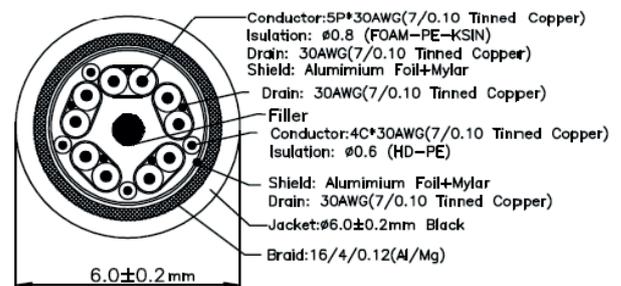
### 3. DIMENSIONS

Cat. Nos	Length (m)
0 398 54, 0 517 27	5
0 398 55, 0 517 35	7
0 517 20	10
0 517 36	15



HDM Plug(P1)	WIRE	HDMI Plug(P2)
PIN1(23AWG)	green core of twisted one	PIN 1
PIN2(28AWG)	drain of twisted one	PIN 2
PIN3(23AWG)	white core of twisted one	PIN 3
PIN4(23AWG)	green core of twisted two	PIN 4
PIN5(28AWG)	drain of twisted two	PIN 5
PIN6(23AWG)	white core of twisted two	PIN 6
PIN7(23AWG)	green core of twisted three	PIN 7
PIN8(28AWG)	drain of twisted three	PIN 8
PIN9(23AWG)	white core of twisted three	PIN 9
PIN10(23AWG)	green core of twisted four	PIN 10
PIN11(28AWG)	drain of twisted four	PIN 11
PIN12(23AWG)	white core of twisted four	PIN 12
PIN13(32AWG)	red core	PIN 13
PIN14(23AWG)	blue core	PIN 14
PIN15(32AWG)	purple core	PIN 15
PIN16(32AWG)	grey core	PIN 16
PIN17(28AWG)	orange core	PIN 17
PIN18(28AWG)	yellow core	PIN 18
PIN19(23AWG)	white core	PIN 19
SHELL	shield of cable	SHELL

PIN Assignments



**4. ELECTRICAL CHARACTERISTICS**

Signal Bandwidth	10,2 Gbps
Nominal Impedance with Tolerance	100 Ω
Nominal Capacitance	95,2 pF/m
Dielectric Strength	2,1
Insulation Resistance	10 MΩ
Nominal Attenuation	
	300 KHz      825 MHz:<8dB
	825 MHz      2,475 GHz:<21dB
	2,457 GHz      4,125 GHz<30dB

**5. PHYSICAL CHARACTERISTICS**

Cable Bend Radius	100 mm
Approvals	RoHS compliant

**CONDUCTOR 1**

Conductor Type	23 AWG (1/0,573)
	Bare Copper
Insulation	Foamed PE, ID:Ø1,55±0,05mm
	Red/White, 5 pairs
Drain Wire	28 AWG (7/0,127)
	Bare Copper
Shield	Aluminium Foil + Mylar
	25% min overlapped

**CONDUCTOR 2**

Conductor Type	28 AWG (7/0,127)
	Bare Copper
Insulation	HDPE, ID:Ø0,7±0,05mm
	Yellow

**CONDUCTOR 3**

Conductor Type	28 AWG (7/0,8)
	Bare Copper
Insulation	Foamed PE, ID:Ø1,57±0,05mm
	Red/Purple/Grey
	PE Thickness 0,2 mm

**OVERALL CABLE**

Drain Wire	28 AWG (07/0,127)
	Bare Copper
Foil Shield	Aluminium Foil + Mylar
	25% min overlapped
Braided Shield	24/6/0,12 CCAM
	60% Coverage
Jacket	CMG (PVC, UL/CL2)
	Black
	O.D. - 10,00 ±0,2 mm

**CONNECTORS**

Connector Type	19 pin HDMI
Plating	Gold
Housing	Grey&Black
Dimensions (HxWxL)	13 x 21 x 39 mm