

## SPECIFICATION SHEET



### Active High Speed HDMI Cable

- CL3 Rated Jacket for in wall installations
- Supports resolutions up to 1080p @ 60Hz
- Supports High speed features such as:
  - DTS-HD 7.1
  - Dolby 7.1
  - 3D
  - CEC
  - HDCP
  - Deep Color
- Lifetime Warranty

## Specifications: Active High Speed HDMI Cable

### Electrical Specifications:

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Signal Bandwidth:	3.4Gbps
Nominal Velocity of Propagation	10.2Gbps
Nominal Impedance with Tolerance:	100 pF/m 10 ohms
Nominal Capacitance:	<700PF
Insulation Resistance:	100mega ohms/KM at 20 °C
Nominal Attenuation:	1-1000 MHz dB/50ft & dB/150ft (dB/15m & dB/45m)
Voltage Rating	30V
Power Consumption:	50mA @ 5V

### Physical Specifications:

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Cable Bend Radius:	10mm
Operating Temperature:	-20 °C to +85 °C
Storage Temperature:	-25 °C to +85 °C
Relative Humidity:	60 ~ 93%
Approvals:	CL3 RoHS CE
Warranty:	3 Years
Package Type:	Poly Bag

### Conductor:

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Conductor type:	26AWG (7/0.16 TC)
Drain Wire:	26AWG (7/0.16 TC)

### Connector (2):

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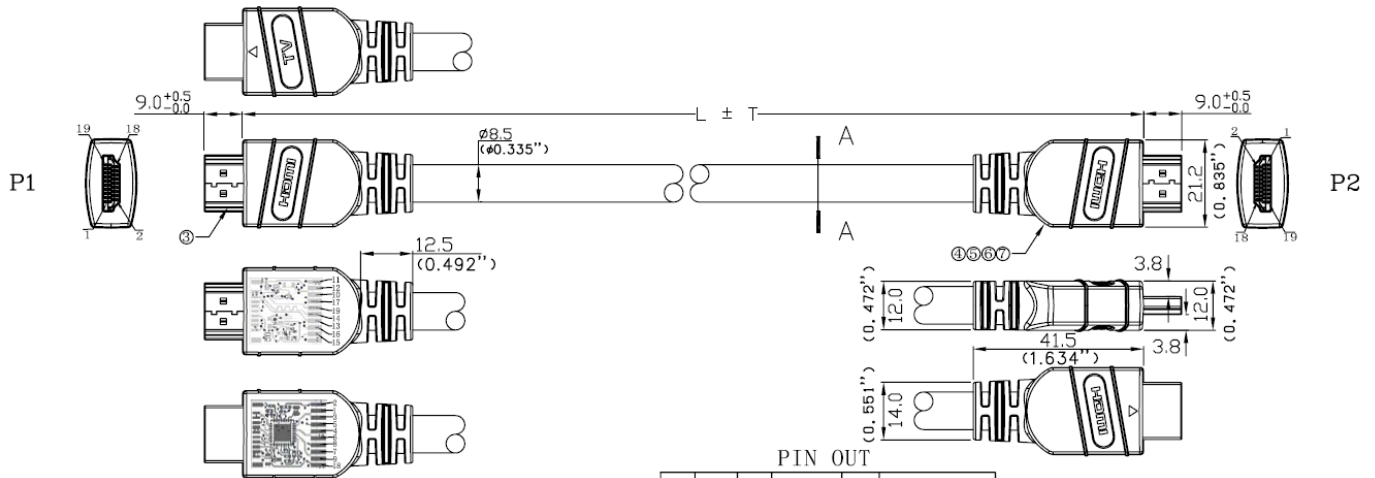
Connector Type :	19 Pin HDMI Male
Housing:	Black
Plating:	Gold Flashed
Chip:	Redmere (1692 FW Rev0.2)

### Overall Cable Construction:

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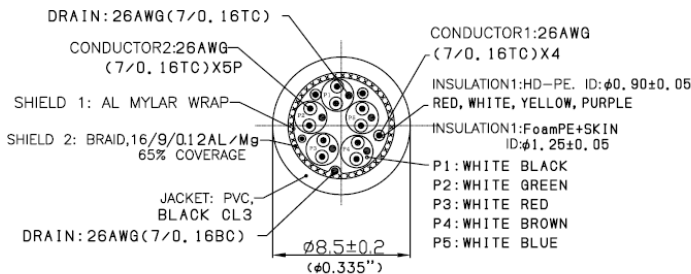
Braided Shield:	Aluminum magnesium Braid 16/9/0.12 (65% Coverage)
Foil Shield:	Aluminum Mylar Wrap (100% Coverage)
Drain Wire:	26AWG (7/0.16 BC)
Jacket:	Black PVC CL3 O.D. (8.5mm ±0.2)

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### PIN OUT

P1	PCBA (1692)	PCBA PIN	Wire Color	P2	SIGNAL NAME
1		1	Red	1	TMDS Data2+
3		3	White	3	TMDS Data2-
2		2	Drain	2	TMDS Data2 Shield
4		4	Brown	4	TMDS Data1+
6		6	White	6	TMDS Data1-
5		5	Drain	5	TMDS Data1 Shield
7		7	Blue	7	TMDS Data0+
9		9	White	9	TMDS Data0-
8		8	Drain	8	TMDS Data0 Shield
10		10	Green	10	TMDS Clock+
12		12	White	12	TMDS Clock-
11		11	Drain	11	TMDS Clock- Shield
13		13	Red	13	CEC
14		14	Black	14	UTILITY
19		19	White	19	Hot Plug Detect
17		17	Drain	17	DDC/CED Ground
15		15	Yellow	15	SCL
16		16	Violet	16	SDA
18		18	White	18	+5V Power
Shell		Shell	Drain	Shell	



Part Number	Description	Weight (lbs)
41367	50ft Active High Speed HDMI Cable	3.42
41368	75ft Active High Speed HDMI Cable	6.28



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