



HDMI 19M		HDMI 19M
3	Red	3 TMDS data2-
1	White	1 TMDS data2+
2	Drain	2 TMDS data2 Shield
6	Green	6 TMDS data1-
4	White	4 TMDS data1+
5	Drain	5 TMDS data1 Shield
9	Blue	9 TMDS data0-
7	White	7 TMDS data0+
8	Drain	8 TMDS data0 Shield
12	Brown	12 TMDS Clock-
10	White	10 TMDS Clock+
11	Drain	11 TMDS Clock Shield
19	Black	19 HPD/ HEAC-
14	White	14 Utility/ HEAC+
17	Drain	17 DDC/CEC/HEAC GND
13	White	13 CEC
15	Yellow	15 SCL
16	Orange	16 SDA
18	Red	18 +5V Power
SHELL	Braid	SHELL

Diagram illustrating the cross-section of a cable with the following specifications:

- (28AWG×1P+Drain+Al+Mylar)/5C
Conductor: Silvering Copper 7/0.12mm
Insulation: FM-PE+Skin
- 28AWG/(1P+2C)
Conductor: Silvering Copper 7/0.12mm
Insulation: HD-PE
- Al. Mylar
- Braid: Tinned Copper 16/0.10/0.12mm
- Jacket: Matt PVC; Color: BLACK
ø6.5mm

- 1) 100% Open/short/Intermittent testing
- 2) Withstanding voltage: DC 300V AT 10ms.
- 3) Insulation resistance: 10M Ohm(min)
- 4) Residual operating current:
 - a. $1\text{M}=0.5\text{mA}$;
 - b. $1.0\text{--}2.0\text{M}=1.0\text{mA}$;
 - c. $2.0\text{--}3.0\text{M}=2.0\text{mA}$;
 - d. $3.0\text{--}5.0\text{M}=3.0\text{mA}$;
 - e. $5.0\text{--}10\text{M}=5.0\text{mA}$;
 - f. $10\text{--}15\text{M}=7.0\text{mA}$;
- 5) Conductive resistance: 3 Ohm Max

7	Badge	Aluminum badge,Print "HDMI" logo	xxxx	
6	Shell	Zinc alloy shell,Twin set,Front body gold plated,Back body silver plated	xxxx	
5	Overmold	PVC,45Pa,Black	xxxx	
4	Copper Foil	Copper Foil	xxxx	
3	Innermold	PE,Low density	xxxx	
	Conn	HDMI A/M,Pin G/F,Black LCP Insulation,Shell[Copper] gold plated(G/F),Solder type	xxxx	
1	Cable	UL20276 (28#SC/1P+D+A+M)/5C+28#SC/(1P+2C)+A-B(16/10/0.12T C),0D6.5mm,BLACK PVC Jacket, with black/white braid mesh	xxxx	
NO.	PART NAME	SPEC DESCRIPTION	PART P/N	REMARK

Mould number:	Customer: M018UA	Customer P/N:	HA-HHL14-12	Article No./ HL-GC-001			
	Designed by: Pillar	Checked by:	Approved by	File number: D-1054	Date: 17/07/26	Scale: none	Unit: mm
	 HAILINK™ Electronics Limited			Name: HDMI Cable,28AWG,with Ethernet			
Packing file:	This drawing contains information that is proprietary to Hailink Electronics Limited incorporated and should not be used without written permission			P/N:	HC.HH112728-1054	Edition: 1.0	Sheet: 1/1 A3