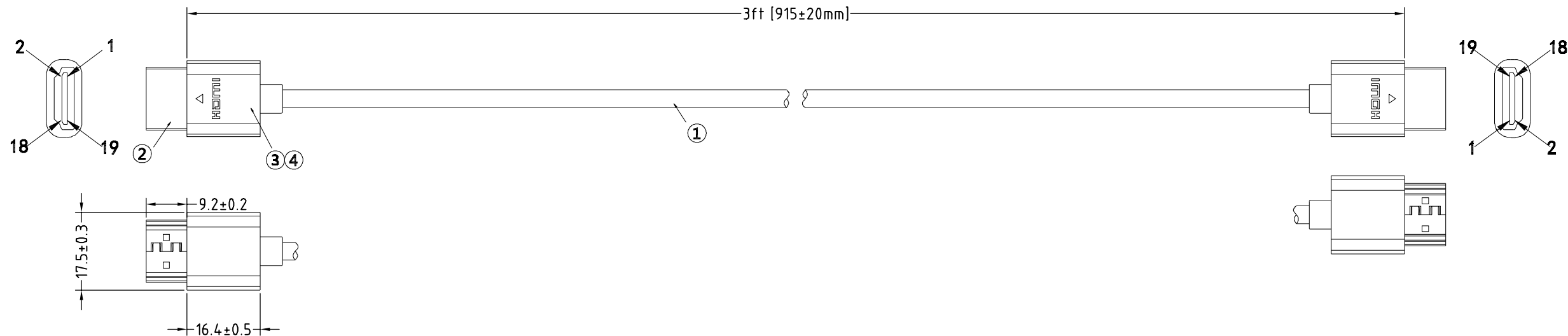


NOTE: ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION			
Rev.	Rev. Date	Modified By	Brief Description
1.0	2022-3-15	Hypo	Release to product



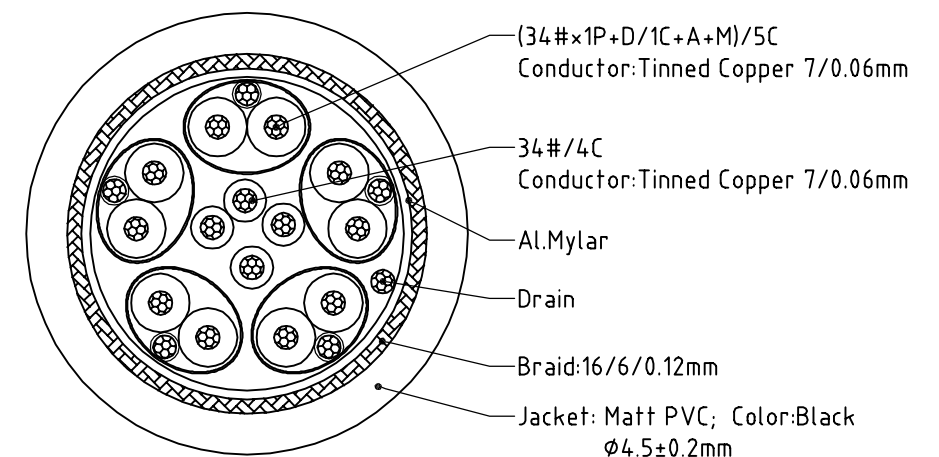
Electrical character:

- 1) 100% Open/short/Intermittent testing
- 2) Withstanding voltage: DC 300V AT 10ms.
- 3) Insulation resistance: 10M Ohm(min)
- 4) Residual operating current:
 - a. $1M=0.5mA$; b. $1.0\sim 2.0M=1.0mA$;
 - c. $2.0\sim 3.0M=2.0mA$; d. $3.0\sim 5.0M=3.0mA$;
 - e. $5.0\sim 10M=5.0mA$; f. $10\sim 15M=7.0mA$;
- 5) Conductive resistance: 5 Ohm(Max)
- 6) 100% 1080P, 3D, 4K@60Hz testing

PIN ASSIGNMENT

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	Green	18 +5V Power
SHELL	Braid	SHELL

Wire Details



NO.	PART NAME	SPECIFICATION DESCRIPTION	QTY	UNIT
①	Cable	HDMI2.0V[34AWG(7/0.06T)*1P+1C+AL+MY]*5P+7/0.06TC*4C+ABD16/6/0.12 ALOD:4.5±0.2mm Jacket: Black PVC		
②	HDMI_Conn	HDMI A/M,PIN G/F,Black Insulation,Steel-Shell(G/F Plated),Solder type		
③	Innermold	PE,Low density		
④	Overmold	PVC,45Pa,Black		

Unless specified on the drawing, tolerances are per the follows:

.	+1
.x	+0.2
.xx	+0.05

DRAWN BY	DATE: 2022/03/15	DESCRIPTION: HDMI A/M TO HDMI A/M Thin Cable
CHECKED BY	SHEET 1of 2	ITEM NO. 181423
APPROVED BY	SCALE None	REV. 1.0 UNIT:mm