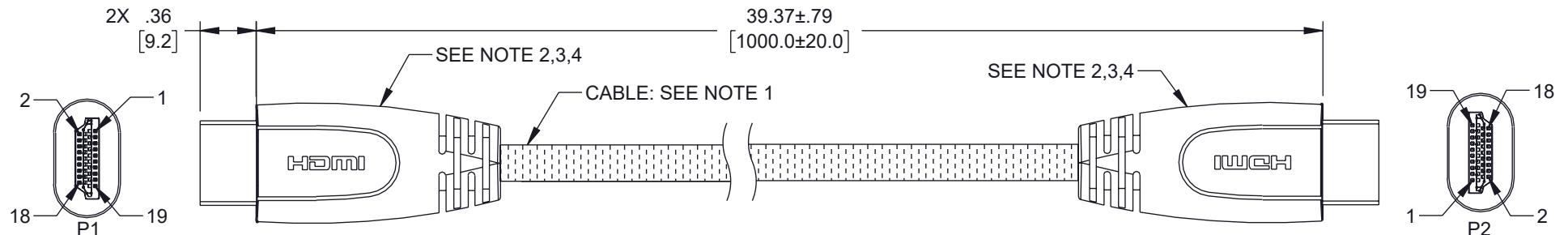


## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/29/2025	TDUFRENE	DGUST



## P1 PIN ASSIGNMENT

1	WHITE	1	TMDS DATA2-
3	RED	3	TMDS DATA2+
5	DRAIN	5	TMDS DATA2 SHIELD
4	WHITE	4	TMDS DATA1-
6	GREEN	6	TMDS DATA1+
2	DRAIN	2	TMDS DATA1 SHIELD
7	WHITE	7	TMDS DATA0-
9	BLUE	9	TMDS DATA0+
11	DRAIN	11	TMDS DATA0 SHIELD
10	WHITE	10	TMDS CLOCK-
12	BRN	12	TMDS CLOCK+
8	DRAIN	8	TMDS CLOCK SHIELD
13	WHITE	13	CEC
14	WHITE	14	HPD/HEAC-
19	BLACK	19	UTILITY/HEAC+
17	DRAIN	17	DDC/CEC/HEAC GND
15	ORANGE	15	SCL
16	YELLOW	16	SDA
18	RED	18	+5V POWER
	DRAIN		SHELL

SHELL

## NOTES:

1. CABLE:{30AWG(BC)X1P+AL}X5C+30AWG(BC)X4C+ ADB Ø6.0MM PVC JACK BLACK ARMORED OD:8.0MM.
2. HDMI 2.1 TYPE A/M PIN: G/F SHELL: G/F. INSULATOR: BLACK.
3. PE LOW DENSITY.
4. PCV 45PA BLACK UL94V-0.
5. 100% OPEN, SHORT & MISWIRE TEST.
6. CONDUCTIVE RESISTANCE 3Ω/MAX.
7. INSULATION RESISTANCE 10MΩ/MIN AT DC300V/10MS.
8. REACH TO SUPPORT 8K@60HZ.
9. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
10. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
X = ±.02 [5] FRACTIONS  
XX = ±.02 [0.5] ± 1/32  
XXX = ±.005 [0.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
≤12 [305] = +1 [25] / -0  
>12 [305] ≤ 60 [1524] = +2 [51] / -0  
>60 [1524] ≤ 120 [3048] = +4 [102] / -0  
>120 [3048] ≤ 300 [7620] = +6 [152] / -0  
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE SHEET  
NONE 1 OF 1

## DESCRIPTION

ARMORED 8K HDMI CA, 1M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	TDUFRENE	HD8KA-1M	A