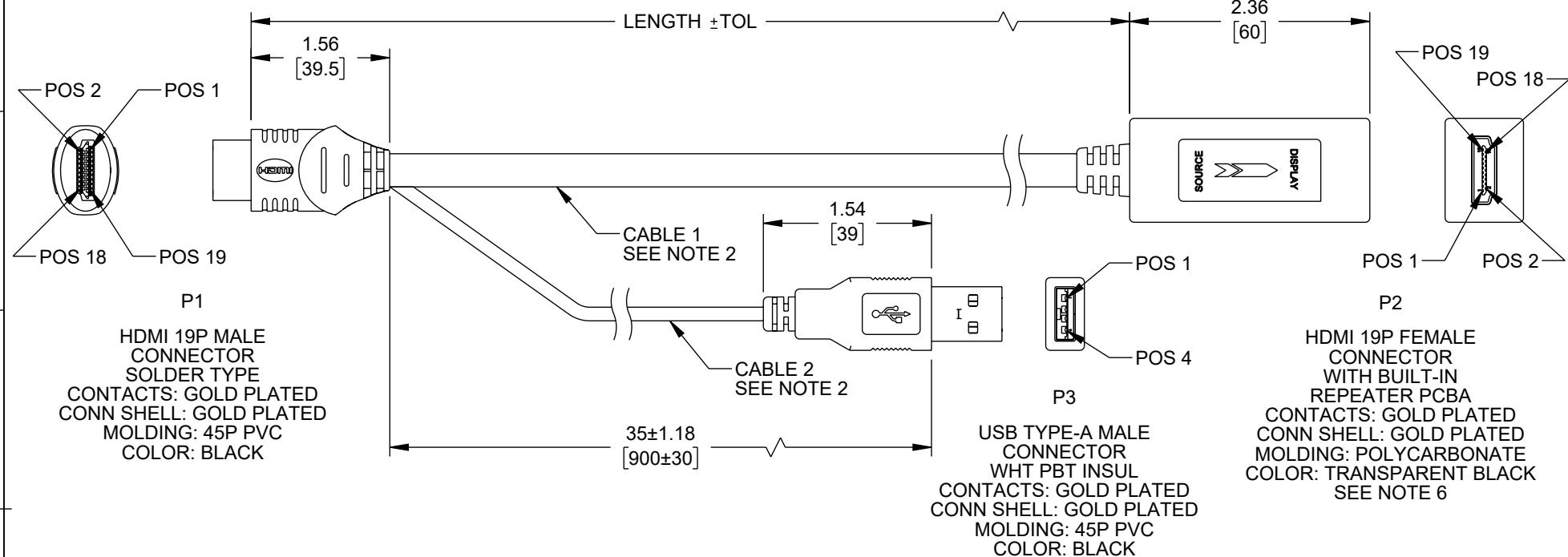


REVISION		DESCRIPTION	DATE	CHANGED BY	APPROVED
ZONE	REV	INITIAL RELEASE	05/22/2025	AKRESOWSKI	DGUST



## NOTES:

1. SEE SHEET 2 FOR SPECIFICATIONS.
2. CABLE 1:  
UL20276 ULTRA HIGH SPEED A/V CABLE (26AWG \* 2C + AL + D + HM) \* 4P + (31AWG \* 1P + D + AL + HM) \* 1C + 30AWG \* 4C + 26AWG \* 1C + F + MY + ADB16/11/0.12AL JACKET: BLACK, OD .287 +0/-0.008 [7.3 +0/-0.2].  
VOLTAGE RATING: 30V  
FLAME RATING: VW-1
3. SUPPORT FOR 8K/60Hz.
4. TEMPERATURE RATING: 0°C ~ 40°C OPERATING, -15°C ~ 50°C STORAGE.
5. RELATIVE HUMIDITY: 0% -85%, NON-CONDENSING.
6. PRODUCT HAS A CHIPSET IN THE PLASTIC HOUSING.
7. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
8. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

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

TOLERANCES:  
X = ±.2 [5]  
XX = ±.02 [0.5]  
XXX = ±.005 [0.13]

FRACTIONS  
± 1/32  
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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SCALE  
NONE

1 OF 2

DESCRIPTION  
ACTIVE HDMI EXTENSION CABLE WITH BUILT-IN REPEATER,  
MALE TO FEMALE, 8K/60HZ CAPABILITY

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	HDA8K-RPTR	A

F

E

D

C

B

A

F

E

D

C

B

A

## SPECIFICATIONS:

1. 8K 60Hz HDMI REPEATER EXTENDS DISTANCE IN TOTAL WITH SOURCE (AMD RADEON RX7600) AND DISPLAY/TV (CH#65D8K).
  - a. 8K@60Hz UP TO TOTAL OF 55FT WITH 30FT HDMI 2.1 26AWG CABLE; AND UP TO TOTAL OF 40FT WITH 15FT HDMI 2.1 28AWG CABLE.
  - b. 4K@60Hz UP TO TOTAL OF 60FT WITH 35FT HDMI 2.0 26AWG CABLE; AND UP TO TOTAL OF 45FT WITH 20FT HDMI 2.0 28AWG CABLE.
  - c. 1080P@60Hz UP TO A TOTAL OF 80FT WITH 55FT 1080P HDMI 1.4 26AWG CABLE; AND UP TO TOTAL OF 75FT WITH 50FT HDMI 1.4 28AWG CABLE.
2. DATA RATE UP TO 48Gbps (FRL 12Gbps/4 LANE).

## COMPLIANT WITH:

- HDMI 2.1, 2.0b, 1.4b
- HDCP 1.4/2.2/2.3 (PASSING THROUGH)
- HDR
- CEC

AUDIO SUPPORT DOLBY DIGITAL, DTS, AND TrueHD LATENCY-FREE FOR VARIABLE VIDEO FRAME RATE SUPPORT.

INPUT HDMI CABLE BUILT-IN 900MM USB 2.0 TYPE-A MALE PIGTAIL TO RECEIVE POWER FROM THE USB PORT (FOR POWER OPTION).

MAX RESOLUTION: 8K/60Hz 4:4:4 (DSC), 8K/60Hz 4:2:0 OR 8K/30Hz 4:4:4.

CHROMA SUB SAMPLING: 4:4:4.

MAX SUPPORTED COLOR DEPTH: 36-BIT DEEP COLOR (12 BITS PER CHANNEL).

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		SCALE	SHEET
NONE 2 OF 2			
DESCRIPTION			
ACTIVE HDMI EXTENSION CABLE WITH BUILT-IN REPEATER, MALE TO FEMALE, 8K/60HZ CAPABILITY			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	43321	AKRESOWSKI	HDA8K-RPTR
REV			A