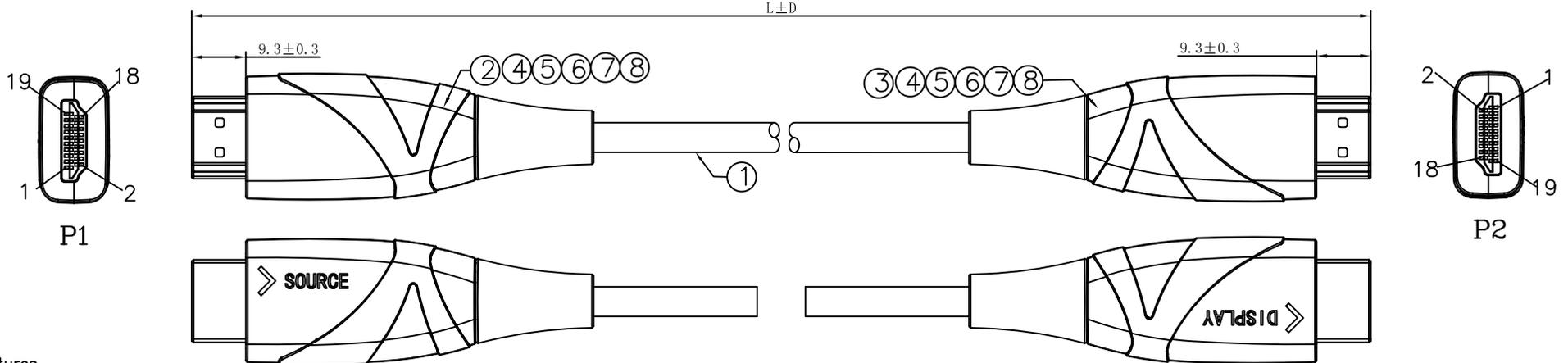


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	12/10/2018
B	UPDATE PRODUCT INFORMATION	01/15/2019



Features:

- 1.High Speed Fiber Optics,Ultra HD(4K),Deep Color(48-bit),Supports 3D Displays;
- 2.Extend HDMI Up to 60m over Fiber Optics(MMF);
- 3.Compliant to Link with All HDMI A-Type Connector;
- 4.Compliant with HDMI2.0 Version and Category 2(600MHz Clock Frequency) Specifications;
- 5.850nm VCSEL Array Transmitters,PIN Array Photo-detector Receivers;
- 6.Support 4k/3D/1080p/1080i/720p Format;
- 7.Support DHCP/EDID/CEC/DDC/Audio;
- 8.Plug and Play,No Software to Be Installed;
- 9.Longer,Thinner Cable without EMI/RFI Emissions;
- 10.RoHS Compliant;
- 11.The cable diameter is recommended for winding:
10 times the wire diameter OD.
- 12.Operating and Storage temperature / humidity:
operating temperature:0°C~+70°C,operating humidity:10%~85%RH.
storage temperature:-10°C~+70°C,storage humidity:5%~89%RH.
- 13.Support up to 32 audio channels with 1536hz sampling rate.
- 14.Support 21:9 cinema aspect ration.
- 15.Supports HDCP 2.2 and audio return channel (ARC).
The ARC of HDMI:length limitation 100m and below.

PRODUCT SPECIFICATIONS :

- 1.Connector Type: HDMI2.0 AM TO AM AOC CABLE
- 2.Connector Plating and Material:
HDMI AM:PHOTOELECTRIC CONVERSION MODULE (RX) SOURCE TERMINAL
- 3.Connector Plating and Material:
HDMI AM:PHOTOELECTRIC CONVERSION MODULE (TX) DISPLAY TERMINAL
- 4.Color: Black Cable
- 5.Material:ZINC ALLOY HOUSING
- 6.RoHS 2.0: Yes
- 7.Resolution Supported: 4K*2K / 60Hz
- 8.Cable Specifications:

NO~UL~[30AWG(7/0.10TC)+EA]*2C+28AWG(19/0.08TC)*3C++24AWG(41/0.08TC)*2C+OPTICAL FIBER(50/124.8U M)*4C+AM~OD:4.8MM~BLACK PVC(VW-1) OUTSIDE BY~NO PRINTED WORD

TABLE:

L (MM)	D (±MM)
10000	100
15000	150
25000	200
30000	300
50000	300
100000	350

Conductor:2C*28AWG(19/0.08 Tinned Copper)
Isulation: #0.62 (PP)
Color: Yellow & Orange & Blue

Optical fiber(50/124.8u m)*4C
Conductor:1.03*0.32
Color: Green & Orange & Blue & Brown

Conductor:2C*24AWG(41/0.08 Tinned Copper)
Isulation: #0.9 (PP)
Color: Red & Black

Conductor:1P*30AWG(7/0.10 Tinned Copper)
Isulation: #1.35 (PE)
Shield: Aluminium Foil+Mylar
Drain: 30AWG(7/0.10 Tinned Copper)
Color: Pink & White

Aluminium Foil+Mylar
Jacket:#4.8±0.15mm Black

Cable Spec

P1	PIN ASSIGNMENT	P2	
LY	white	LY	
ECE	yellow	CEC	Shell
Shell GND	black	GND	
HPD	orange	HPD	
LX	pink	LX	
VCC	red	+5V	
UTY	blue	UTY	

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL CRS
FINISH POWDER COAT
DO NOT SCALE DRAWING

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NAME	DATE	TITLE:
JX.YAD	12/10/2018	ACTIVE OPTICAL CABLE HDMI 2.0 A MALE TO A MALE
CHECKED:		SIZE DWG. NO. REV
COMMENTS:		B AOC-HL-H2-XXM B
		SCALE: 1:1 SHEET 1 OF 1