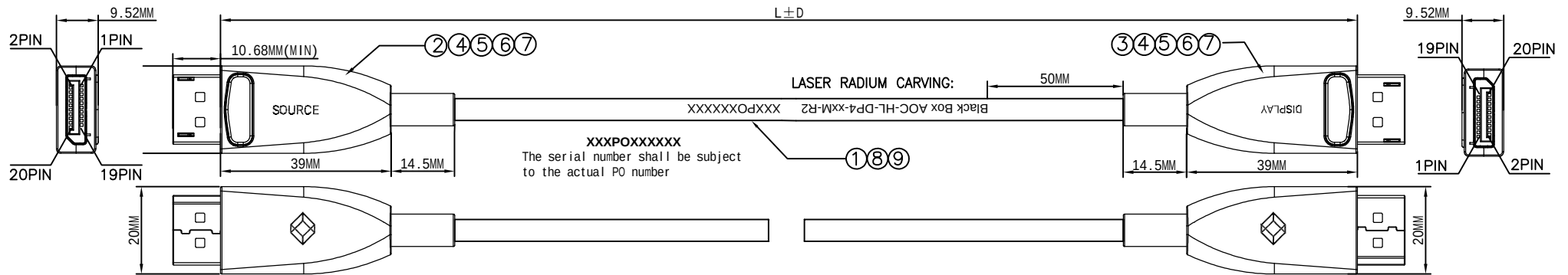


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	11/20/2023



Features:

- 1.THEORETICAL TRANSMISSION BANDWIDTH:32.4G
- 2.SUPPORT 7680X4320(8K)@60HZ(4:2:0)
- 3.PHOTOELECTRIC CONVERTER:4 CH 850nm VCSEL/PD.
- 4.DP POWER SUPPLY:+3.3V(SOURCE,NO EXTERNAL POWER SUPPLY REQUIRED).
- 5.TRANSMISSION DISTANCE:Max to 200m.
- 6.The cable diameter is recommended for winding:
10*4.8MM=48MM,10 times the wire diameter OD.
- 7.Operating and Storage temperature / humidity:
operating temperature:0℃~+70℃,operating humidity:10%~85%RH.
storage temperature:-10℃~+70℃,storage humidity:5%~89%RH.
- 8.Support up to 32 audio channels with 1536hz sampling rate.
- 9.Support 21:9 cinema aspect ration.
- 10.Supports HDCP 2.2
- 11.Using OM3 fiber cable.
- 12.Tensile strength is 200N
- 13.MTBF:144717800H
- 14.Made in Vietnam

PRODUCT SPECIFICATIONS :

1.Cable: DISPLAYPORT1.4 M TO M AOC CABLE

2.Connector Plating and Material: DISPLAYPORT M:PHOTOELECTRIC CONVERSION MODULE (RX)
SOURCE TERMINAL,PIN GOLD PLATED, SHELL GOLD PLATED

3.Connector Plating and Material: DISPLAYPORT M:PHOTOELECTRIC CONVERSION MODULE (TX)
DISPLAY TERMINAL,PIN GOLD PLATED, SHELL GOLD PLATED

4.Color:Black Cable

5.Material:ZINC ALLOY HOUSING

6.RoHS 2.0: Yes

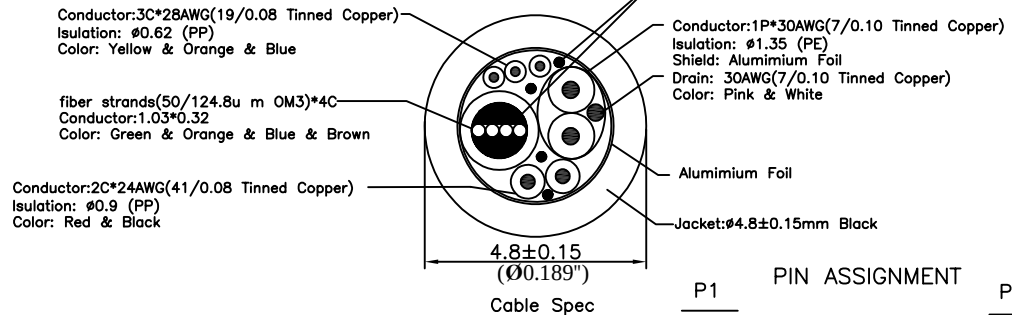
7.Resolution Supported: 8K@60Hz

8.Cable Specifications:

NO-UL~[30AWG(7/0.10TC)+EA]*2C+28AWG(19/0.08TC)*3C++24AWG(41/0.08TC)*2C+FIBER
STRANDS(50/124.8u m)*4C+AL~OD:4.8MM~BLACK.

9.Cable Legend:

BLACK BOX - 3C*28AWG + 2C*24AWG + 1P*30AWG + 50/125um OM3*4C - LSZH CABLE



Cable TABLE:

L (MM)	D (+MM)
10000	150
15000	250
25000	300
30000	400
40000	450
50000	500
100000	750

P1	PIN ASSIGNMENT	P2
3V3	red	3V3
RETURN	yellow	RETURN
PLUG	orange	PLUG
AUX-CH-P	white	AUX-CH-P
AUX-CH-N	pink	AUX-CH-N
Shell GND	black+gnd	Shell GND
CF G1	blue	CF G1
CF G2	NC	CF G2

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

BLACK BOX

NAME	DATE	TITLE:
DRAWN	DongMI	11/20/2023
ENG APPR.		
CHECKED		
COMMENTS:		
SIZE	DWG. NO.	REV
B	AOC-HL-DP4-xxM-R2	A
SCALE: 1:1		SHEET 1 OF 1

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