

## SPECIFICATIONS



### Descriptions

E-Like DP 1.4 AOC is our new Audio/Video cable , HD signal transmission depending on optical fiber, not only its support length become much longer (above 100m) ,but also signal quality is much more stable , no EMI completely, especially can support 8.1Gbps bandwidth per channel . Support 8K meets DP1.4 Standard, It is a mature & competitive solution in the high speed data transmission market . This optical fiber cable can be applied to computer with USB type C interface , Displays outdoor , LED signboards in streets / stadiums and Security System , that transfer audio video signal

### Key Features

1. Support 8K@60Hz , Supports HBR3, HDCP 1.4 / 2.2; very good compatibility;
2. Support DP1.4 standard, bandwidth can reach 8.1 Gbps per channel ;
3. Support length up to 100m max , length custom is available ;
4. Hybrid fiber and copper, much more slim and light ;
5. OD 4.8 mm, very flexible;
6. Low RFI / EMI profile for sensitive applications

## 1. Performance

Standards Compliance	DisplayPort 1.4 / HBR3, HDCP 1.4 / 2.2
Maximum Pixel Clock Frequency	810 MHz
Maximum Video Bit Rate	Supports up to 8.1 Gbps per lane, 32.4 Gbps Total
Maximum Color Depth	48bits
Maximum Supported Resolutions	8K@ 60Hz

## 2. Connections

DisplayPort Input / Output	20-pin DisplayPort
Power	No external power supply is required.

## 3. AUX Channel Support

AUX Channel Communications	Supports bidirectional communications for EDID, HDCP, Link Training, etc.
HDCP Support	HDCP 1.4 and HDCP 2.2

## 4. Optical

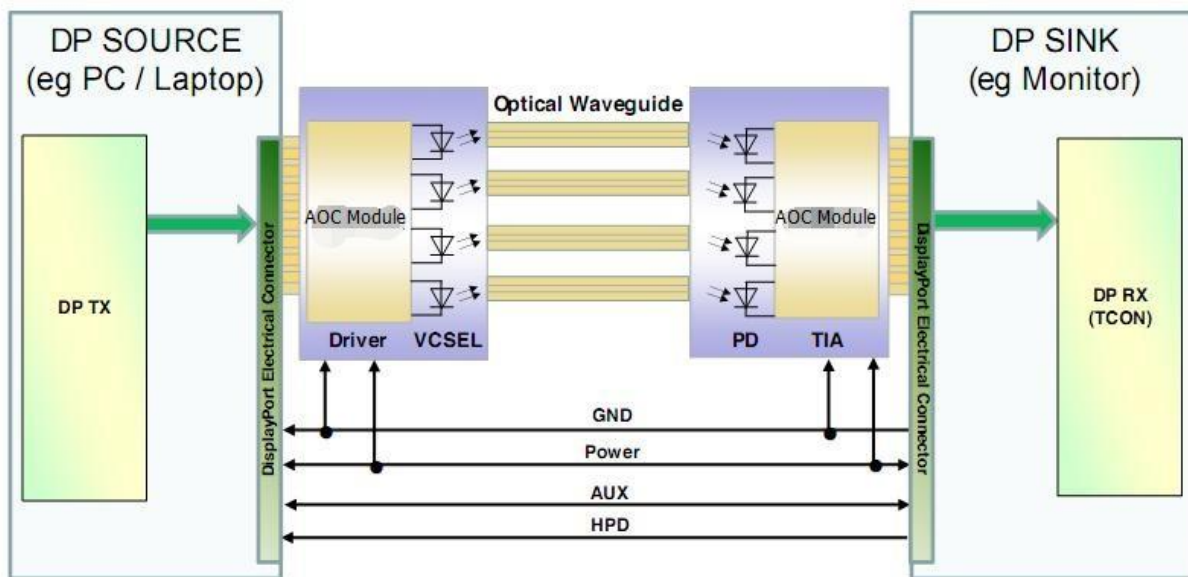
Optical Technology	4x Discrete Optical Channels, 10 GHz, 850 nm
Optical Transmitter	Tx Module: 4x 850 nm Multi-mode VCSELs
Optical Receiver	Rx Module: 4x GaAs PIN Photo Diodes

## 5. Cable

Fiber Cable Type	Hybrid cable 4x fiber and 8x copper wire
Cable Jacket	PVC, Black
Maximum Cable Length	100 meters

## 6. Mechanical - Cable

Product Weight	Varies with length
Maximum Tensile Load	300N
Minimum Bend Radius	48mm
Cable Outside Diameter (W x H)	4.8mm



## Applications

1. Digital Signage , Security systems ,Home Theater ;
2. Conference Room Video Equipment;
3. LED signboards in streets and in stadiums ; TV Broadcast Station;
4. Medical Imaging Equipment ,Airplane On-board Video System;
5. Blue-ray, 3D video, Projector, Set-up box, DVR, Game Consoles and Computer .