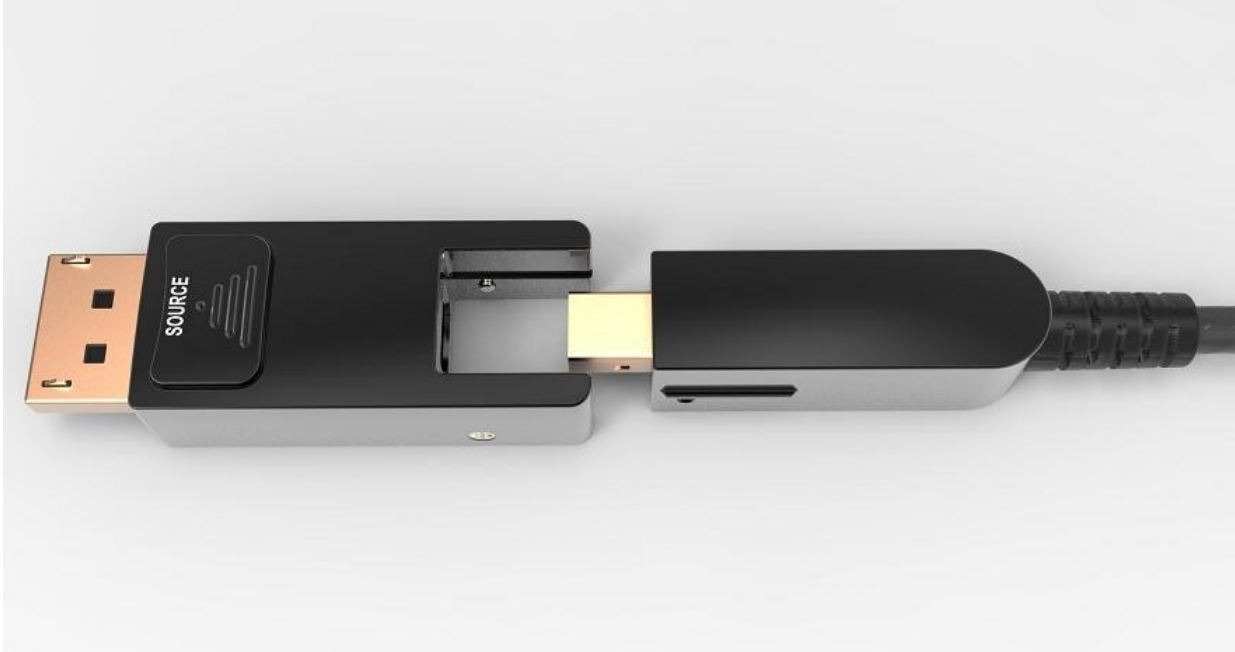


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## DP 1.4 Detachable Active Fiber Cable



### Description

E-Like DP 1.4 AOC is a new generation of advanced Active Optical Cables (AOC) that employ cutting edge technology to deliver unprecedented resolution, performance and value. Savlink cables support DisplayPort 1.4 and provide a wide range of features in a compact, lightweight form- factor. They are fully HDCP 1.4 / 2.2 compliant and support signals with data rates up to 32.4 Gbps. (HBR3). These features enable Savlink cables to support very high resolution applications at 4K / 120Hz (4:4:4) with cable lengths up to 100 meters and 8K / 60Hz (4:4:4) up to 100 meters .

## 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 chanel ;
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;
7. External power supply is not request ;

## Specifications

### 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

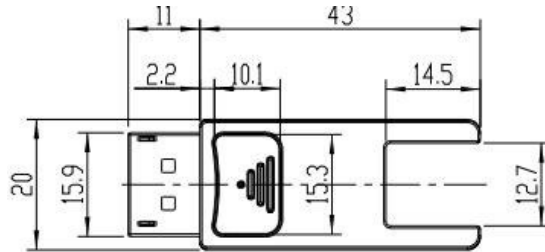
#### 7. Environmental

Operating Temperature	0°C to + 50°C
Storage Temperature	-20°C to + 85°C
Operating / Storage Humidity	5% to 85% (non-condensing)

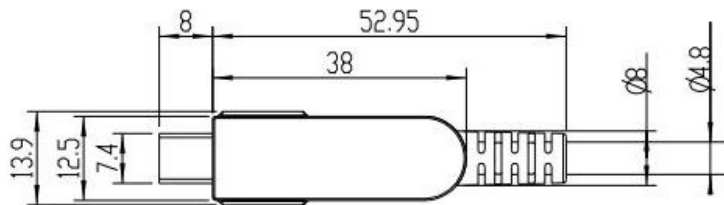
#### 8. Power Requirements

Power Source	Powered from DisplayPort source device
Power Consumption	< 0.5 watt each end

**Structure**

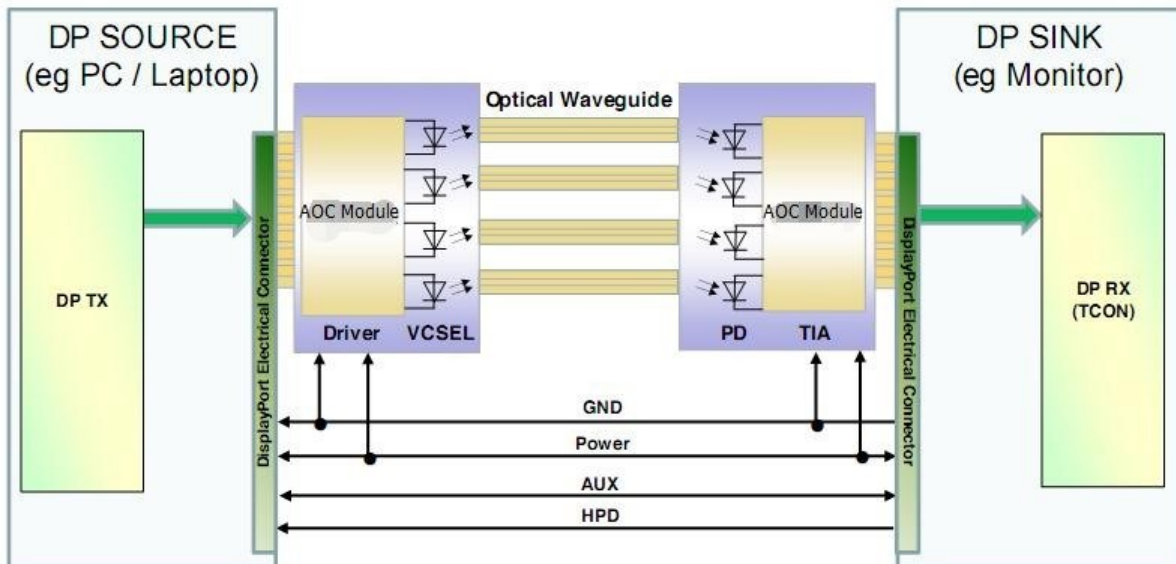


Mini DP to DP Adapter



Mini DP

DP 1.2 AOC Drawing



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## 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 .