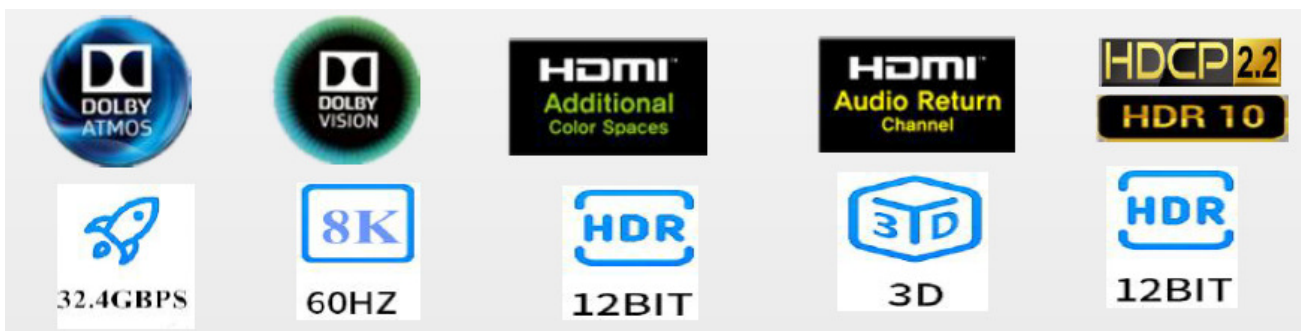


**Model** : ATZ AOC-DP1.4-xxM (xx=Length)

**Description** : Displayport Active Optical Cable DP1.4 - 8K@60hz, 32.4Gbps  
(10m/20m/30m/40m/50m/60m/70m/80m/90m/100m)



ATZ Displayport Active Optical Cable DP1.4 is our new Audio/Video cable, HD signal transmission over optical fiber, supporting distance of up to 100m. Signal quality is much more stable, no worry about EMI interference completely. Can support 8.1Gbps bandwidth per channel. DP1.4 version supports 8K @60hz.

pg. 1

**Notes:** - All brand names and trademarks are properties of their respective holders and are referred to here for descriptive purpose only. Photo attached is for reference only, it may be slightly varied in items of colour, shape from the actual item delivered from time to time.

All specifications are subject to change without prior notice.  
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This optical fiber cable can be applied to computer with USB type C interface, Displays outdoor, LED signboards in streets / stadiums and Security System, etc.

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### Features:

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

### Application:

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

### Package Includes:

1x Displayport Active Optical Cable DP1.4 - 8K@60hz, 32.4Gbps

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### Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.

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## 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

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## 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)

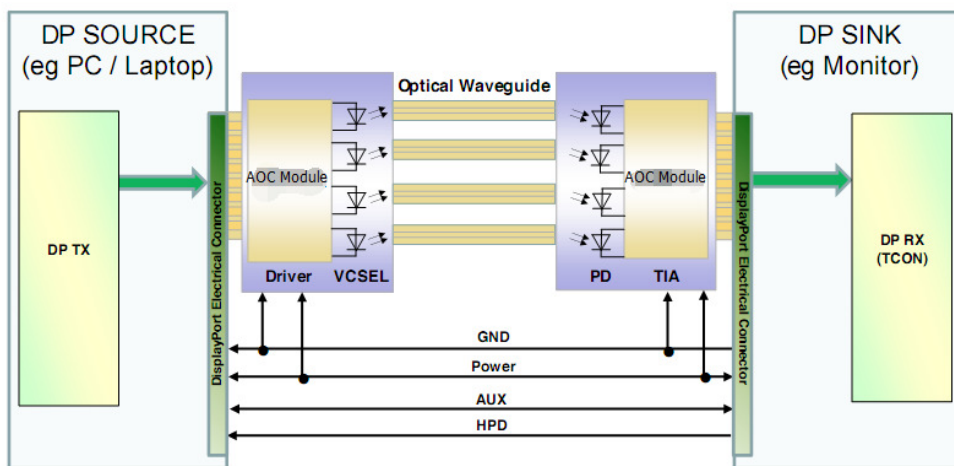
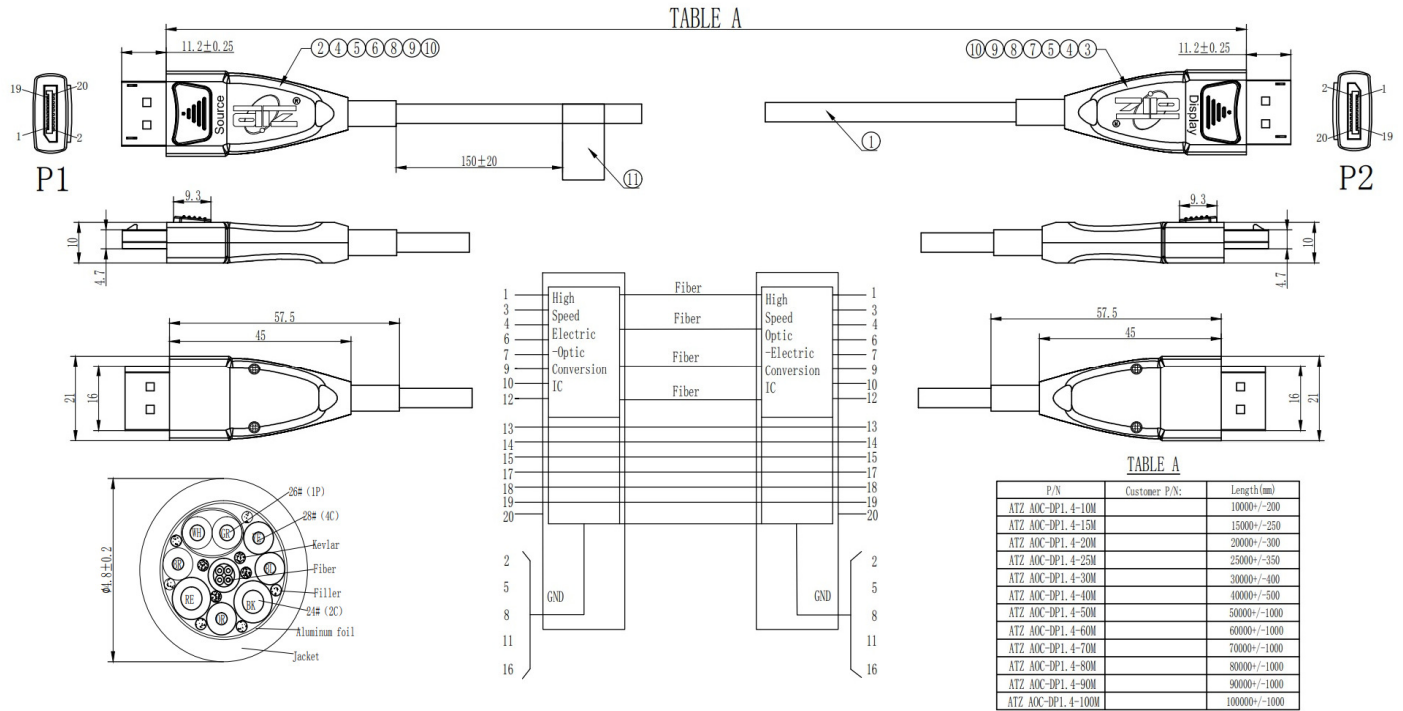
## 8. Power Requirements

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

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**Product Diagram:**



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