



Wuhan · China



# EverPro Standard Product Overview Manuals

[www.everprotech.com](http://www.everprotech.com)

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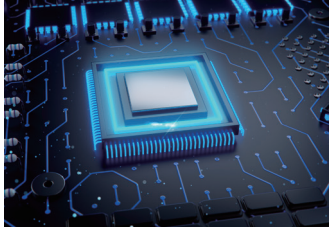
# COMPANY INTRODUCTION ►

EverPro Technologies Company Limited (hereinafter referred to as EverPro), headquartered in Wuhan Donghu New Technology Development Zone, is a high-tech enterprise specializing in fiber optic cables, optoelectronic chips, active optical cables (AOC), optoelectronic modules, and passive communications. Integrated wiring, data center micro-modules, cabinets and wiring and other related products design, production and sales. It has two major sub-brands, FIBBR and iCONEC. Among them, FIBBR not only developed the industry's first 8K HD HDMI v2.1 optical fiber cable, but also has multiple series of optical fiber data transmission products such as DP and USB. The reputation of customers has won numerous industry and various international media awards; the integrated wiring brand iCONEC, with many independent intellectual property rights in the field of wiring, is oriented to data centers and intelligent buildings, and provides customers with comprehensive integrated wiring products and solutions.

EverPro has in-house design capabilities of core technology advantages such as photoelectric conversion chips and consumer-grade special optical fibers. It has strong design, R&D, manufacturing and marketing competitiveness. It participates in the discussion and formulation of international standards such as HDMI, USBIF, J1IA, and VESA. It has R&D branches and trading subsidiaries in Beijing, Hong Kong, Japan and other places, forming a global marketing network system.

Adhering to the core concept of "customer-oriented, responsibility, innovation first, and win-win cooperation", EverPro continues to meet the needs of the market and customers with excellent design, excellent products, high-quality solutions, and superior services, and strive to become the leader of global terminal optical interconnection.

# Core Competencies ►



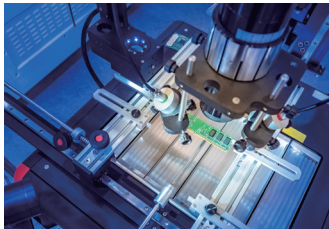
## In-House chip design Capabilities

1. Technical Chip design Team
2. Close to user needs, customized development can be carried out according to needs



## Optical Fiber and Cable Production Capacity

1. All products fiber optic cables originate from YOFC
2. The world's leading optical fiber manufacturing process, the world's largest production and sales volume



## Optoelectronic Module Assembly Capability

1. Ultra-high precision laser cutting fiber
2. End-face detection of high-magnification electron microscope



## Active Optical Cable Assembly Process

1. IOU standard production line operation, high efficiency
2. The process flow is standardized, and the product yield rate is guaranteed through SOP and clamps

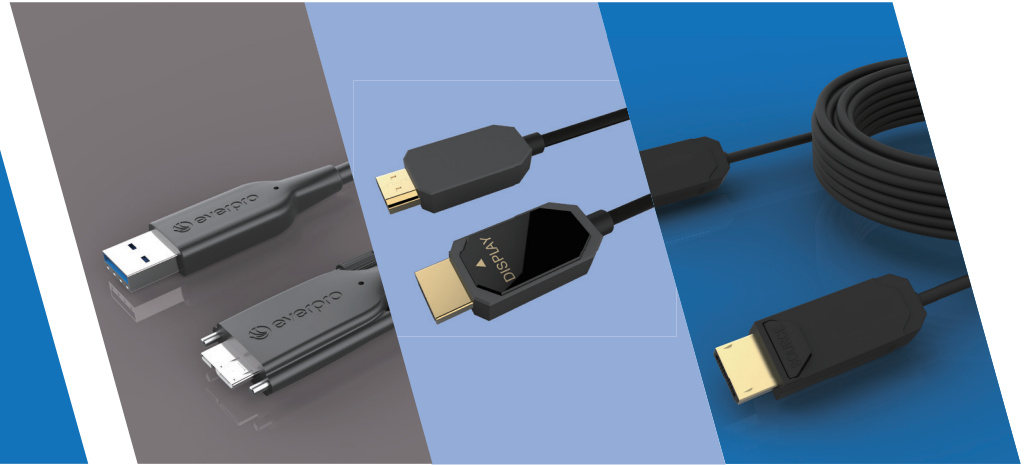


## Complete testing system

1. Support various extreme temperature tests
2. Support vibration and ESD test
3. Support tensile, bending, torsion and other mechanical performance tests



# PRODUCT REVIEWS



# USB3.2 Gen1 Hybrid Optical Extend Cable ▶

(EPIUH21-A0A4)

## Feature —



50m



USB3.2 Gen1/USB2.0/  
1.1



Bandwidth  
5Gbps



Power Supply  
900mA/5V



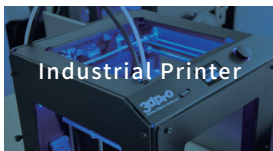
Drag chain test  
>10million tests



## Application Scenario —



Machine Vision  
Camera Extension



Industrial Printer



Digital Signage  
and TV Wall

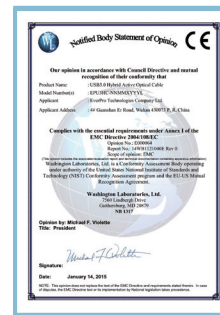
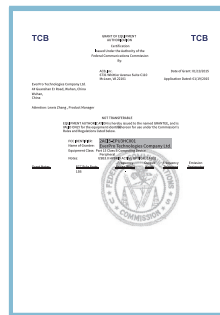


Meeting System



Remote Storage

## Related Certificates —



## Specification

Optional Cable Length: 10m/20m/30m/40m/50m

Power Consumption: 2.15W

Weight: 385g (10m)

Cable Outer Diameter: 4.0mm

Minimum Cable Bending Radius: 20mm

Operation Temperature: 0 - 55°C

Storage Temperature: -40 - 80 °C

Interface of Host Side: USB3.2 Gen1 Standard-A Plug

USB2.0 Micro-B receptacle for the device power consumption over 2W

Interface of Device Side: USB3.2 Gen1 Standard-A Receptacle (with locking screw holes)

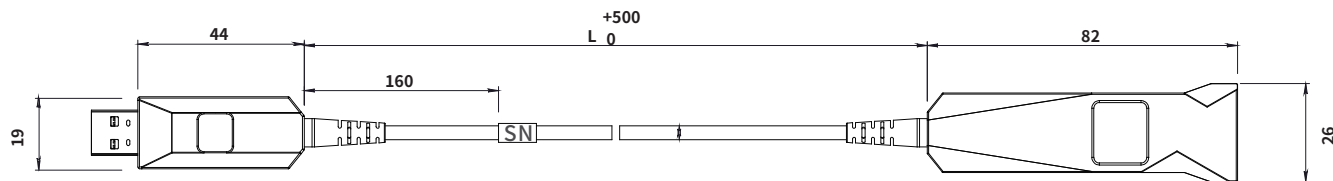
Transmit Speed: USB3.2 Gen1 5Gbps and backward compatible with USB2.0/1.1

Power Supply: by USB Cable

Device Power Supply Max 5V 900mA (10m/20m/30m) / 600mA (50m)

Need use auxiliary power supply cable at host side if device power drawing over 2W

## Product Size





# USB3.2 Gen1 Pure Active Optical Cable (AM-AF) ►

(EPGUP21-A0A4)

## Feature



100m



USB3.2 Gen1 and  
compatible with USB2.0



Bandwidth  
5Gbps



High flexible  
>10 million cycle times



850nm Laser Optical  
Transmission Technology



Transmission Medium  
Optical Fiber 62.5/125/250 MM



## Application scenario



Machine Vision  
Camera Extension



Smart Digital Video  
Surveillance System



Digital Signage  
and TV Wall



Security Camera  
Extension



Zero Client  
Connectivity



Remote Storage

## Related certificates



## Specification

Optional Cable Length: 5m/10m/15m/20m/30m/

50m/70m/100m

Power Consumption: 2.15w

Wight: 300g (10m)

Cable Outer Diameter: 3mm

Minimum Cable Bending Radius: 30mm

Interface: Host- USB3.2 Gen1 Standard-A Plug

Device- USB3.2 Gen1 Standard-A Receptacle (with locking screw holes)

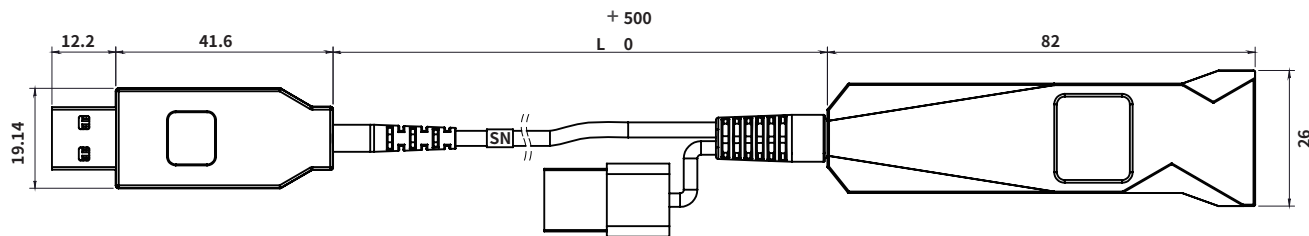
and USB2.0 standard-A plug for power supply

Transmit Speed: 5Gbps

Power Support: Max 900mA

Operation / Storage Temperature: 0 - 55°C / -40 - 80 °C

## Product Size



# USB3.2 Gen1 Pure Optical Cable ▶

(EPGUP13-A0A0)

## Feature —



100m



Bandwidth  
5Gbps



EMC4.0



Drag chain test  
>10million tests



Work with USB  
Hub



## Application scenario —



Machine Vision  
Camera Extension



Smart Digital Video  
Surveillance System



Digital Signage  
and TV Wall

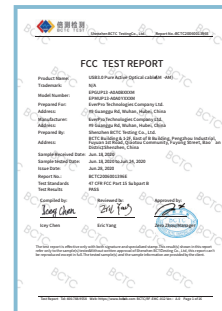


Security Camera  
Extension



Zero Client  
Connectivity

## Related certificates —





## Specification

Optional Cable Length: 10m/20m/30m/40m/50m/

70m/100m

Power Consumption: 0.58W

Cable Outer Diameter: 3mm

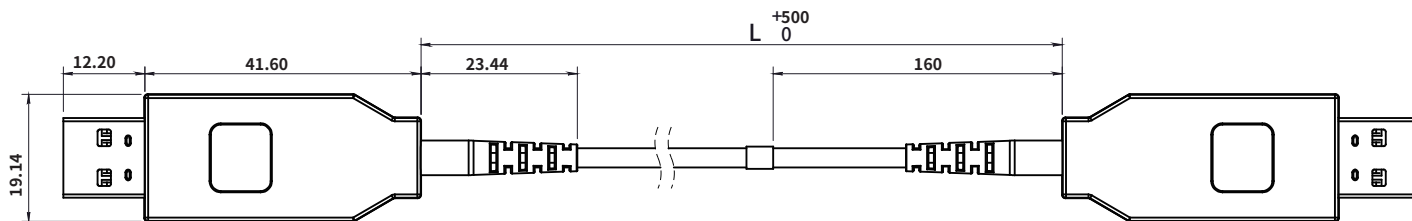
Transmit Speed: USB3.2 Gen1 5Gbps and backward compatible with USB2.0/1.1

Power: Need to powered from host computer

Operation / Storage Temperature: -10 - 55°C / -20 - 70 °C

Minimum Cable Bending Radius: 20mm

## Product Size



# USB3.2 Gen2 High-Flex Hybrid Active Optical Extension Cable

(EPIUH24S-A0A4)

## Feature



10m



Bandwidth  
10Gbps



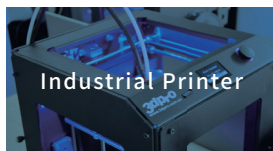
Compatible with  
USB2.0



Drag chain test  
> 10 million times



## Application scenario



## Accessories customization content

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m

Power Consumption: 1W

Weight: 433g (10m)

Cable Outer Diameter: 4.9mm

Minimum Cable Bending Radius: 40mm

Interface: Host- USB3.2 Gen2 Standard-A Plug

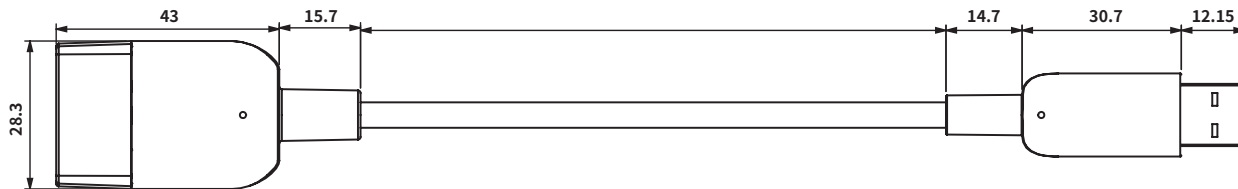
Device- USB3.2 Gen2 Standard-A Receptacle (with locking screw holes)

Transmit Speed: 10Gbps

Power: Need to powered from host computer

Operation / Storage Temperature: -20~70°C / -40~85°C

## Product Size





# USB3.2 Gen2 Hybrid Active Optical Extension Cable ▶

(EPGUH24-A0A4)

## Feature —



35m



Bandwidth  
10Gbps



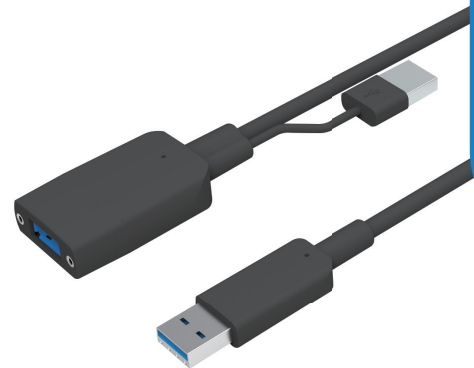
USB Vision  
Compliant



Compatible with  
USB2.0



Y Cable

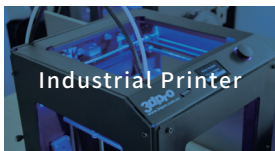


USB

## Application scenario —



Machine Vision  
Camera Extension



Industrial Printer



Digital Signage  
and TV Wall



Meeting System



Remote Storage

## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/25m/

30m/35m, GUH24S 20m, GUH24L 35m

Power Consumption: <1500mW

Transmit Speed: 10Gbps

Minimum Cable Bending Radius: 40mm

Interface: Host- USB3.2 Gen2 Standard-A Plug

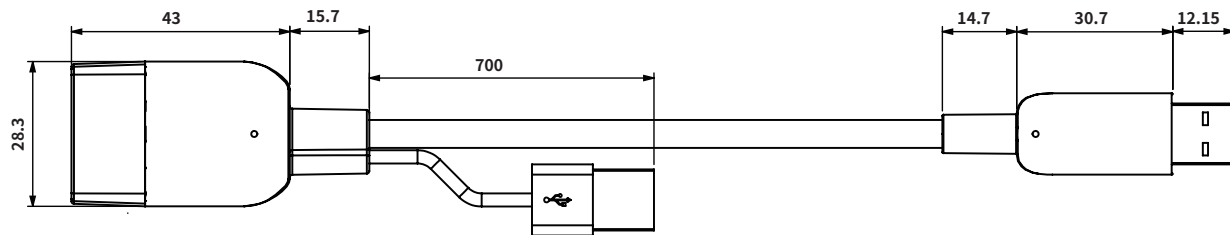
Device- USB3.2 Gen2 Standard-A Receptacle (with locking screw holes)

Cable Outer Diameter: GUH24S 5.5mm, GUH24L 4.9mm

Power: HOST-USB BUS; Device-Y cable

Operation / Storage Temperature: -20~70°C / -40~85°C

## Product Size



# USB3.2 Gen1 Hybrid Active Optical Extension Cable ▶

(EPIUH24L-A0A4)

## Feature —



50m



Bandwidth  
5Gbps



USB3 Vision  
Compliant



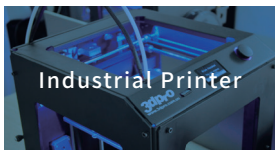
Compatible with  
USB2.0



Y Cable



## Application scenario —



## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material



## Specification

Optional Cable Length: 40m/45m/50m

Power Consumption: <2500mW

Cable Outer Diameter: 4.0mm

Minimum Cable Bending Radius: 20mm

Operation Temperature: -20~60°C

Interface: Host- USB3.2 Gen1 Standard-A Plug

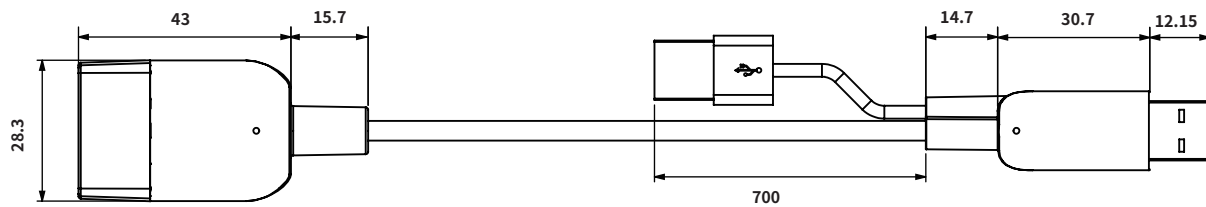
Device- USB3.2 Gen1 Standard-A Receptacle (with locking screw holes)

Transmit Speed: 5Gbps

Power: HOST-Y cable; Device-USB BUS

Storage Temperature: -40~85°C

## Product Size



# USB3.2 Gen1 SuperTT Adapter



(EPU3D02AR)

## Feature



One USB3.2 Gen1 upstream  
and downstream



Support hot plug

## Specification

Dimension: 72.6 x 32 x 15mm

Power Consumption: 1.5W

Operation Temperature: 0 - 55°C

Storage Temperature: -20 - 70 °C

Interface: USB3.2 Gen1 Upstream—— one USB3.2 Gen1 Standard-A receptacle

USB3.2 Gen1 Downstream—— one USB3.2 Gen1 Standard-A receptacle

DC Input: 5V 2A

DC Jack Interface Dimension: 5.5mm\*2.1mm



# USB3.2 Gen1 HUB ▶

(EPU3H01AR)

## Feature —



One USB3.2 Gen1 upstream  
and downstream



Support hot plug



USB3.2 Gen1/USB2.0/  
1.1



## Specification —

Dimension: 122 x 67.4 x 23 mm

Power Consumption: 2.5W

Operation Temperature: 0 - 55°C

Storage Temperature: -20 - 70 °C

Interface: USB3.2 Gen1 Upstream—— one USB3.2 Gen1 Standard-A receptacle

USB3.2 Gen1 downstream—— four USB3.2 Gen1 Standard-A receptacle

DC Input: 12V 2A

DC Jack Interface Dimension: 5.5\*2.1mm

# USB3.2 Gen1 High Flexible Hybrid Active Optical Cable ▶

(EPIUH61-A0B3)

## Feature



20m



Robotic TUV  
Class II



Plastic injection  
housing



Drag chain test  
>50million cycle tests



Twist test  
>10million cycle tests



90° Bending test  
> 5million tests



USB

## Application scenario



Machine Vision  
Camera Extension



Industrial Printer



Digital Signage  
and TV Wall



Security Camera  
Extension

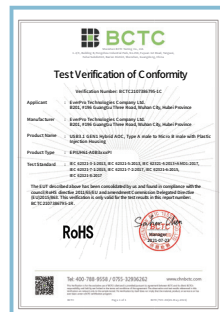


Remote Storage



Zero Client  
Connectivity

## Related certificates





## Specification

Optional Cable Length: 5m/10m/15m/20m

Power Consumption: 0.94W

Weight: 370g (10m)

Cable Outer Diameter: 4.8mm

Minimum Cable Bending Radius: 50mm

Twist Test > 10million tests

90° Bending Test > 5million tests

Interface: Host— USB3.2 Gen1 Standard-A plug

Device— USB3.2 Gen1 Micro B plug with locking screw

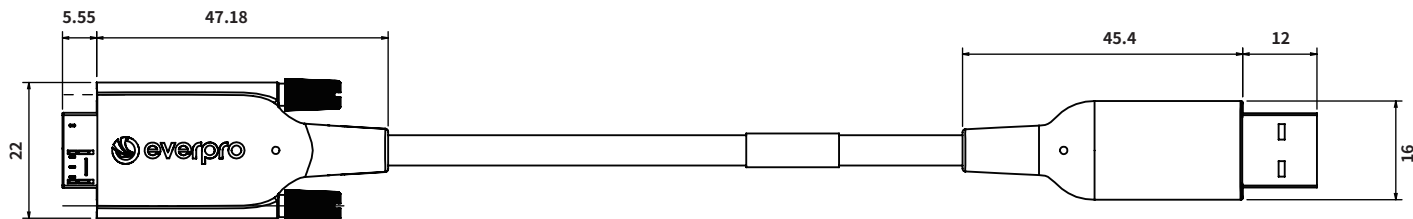
Transmit Speed: 5Gbps

Have the ability of power supply. Max 900mA (5/10/15m)/600mA(20m)

Operation/Storage Temperature: -10 - 55°C / -40 - 85 °C

Drag Chain Test > 50million tests

## Product Size



# USB3.2 Gen1 High Flexible Hybrid Active Optical Cable ▶

(EPIUH62-A0B3/EPIUH62-A1B3)

## Feature



Type A and Micro B  
with locking screw



Drag chain test  
>20million cycle tests



CE/FCC



## Application scenario



Machine Vision  
Camera Extension



Industrial Printer



Digital Signage  
and TV Wall



Security Camera  
Extension



Remote Storage



Zero Client  
Connectivity

## Related certificates



## Specification

Optional Cable Length: 5m/10m/15m/20m

Power Consumption: 0.94W

Weight: 390g (10m)

Cable Outer Diameter: 4.8mm

Minimum Cable Bending Radius: 50mm

Operation Temperature: 0 - 55°C

Interface: Host— USB3.2 Gen1 Standard-A plug (locking screw is optional)

Device— USB3.2 Gen1 Micro B plug with locking screw

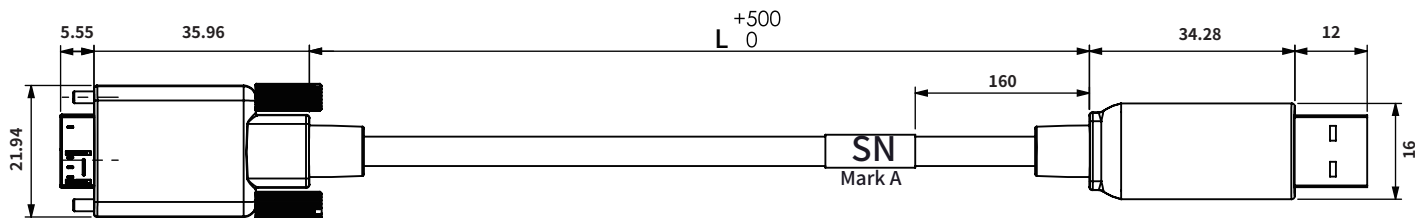
Metal Housing

Transmit Speed: 5Gbps

Have the ability of power supply. Max 900mA (5/10/15m)/600mA(20m)

Storage Temperature: -40 - 85°C

## Product Size



# USB3.2 Gen1 High Flexible Hybrid Active Optical Cable ▶

(EPIUH64-A0B3)

## Feature —



Bandwidth  
5Gbps



50m



High flexible  
>10 million cycle times



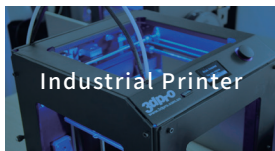
CE FCC



Can be customized  
based on demands



## Application scenario —



## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/30m/50m

Power Consumption: 0.94w

Weight: 433g (10m)

Cable Outer Diameter: 4.0mm

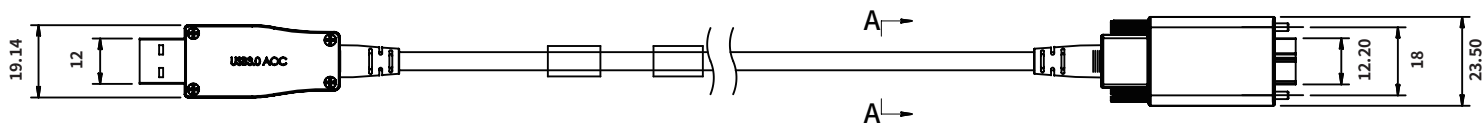
Interface: USB3.2 Gen1 A Plug to Micro B Plug with locking screw

Transmit Speed: 5Gbps

Operation / Storage Temperature: -20 - 60°C / -40 - 85 °C

Minimum Cable Bending Radius: 20mm

## Product Size



# USB3.2 Gen1 (90°) High Flexible Hybrid AOC with plastic injection

(EPIUH65U-A0B3/EPIUH65D-A0B3)

## Feature



Bandwidth  
5Gbps



Robotic TUV  
Class II



High flexible  
>50 million cycle times



Twist  
10 million cycle times



EMC4.0  
IP53



Down / Up angle  
MicroB



## Application scenario



## Accessories customization content

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material



## Specification

Optional Cable Length: 5m/10m/15m/20m

Power Consumption: 0.94w

Weight: 433g (10m)

Cable Outer Diameter: 4.8mm

Minimum Cable Bending Radius: 50mm

Interface: Host— USB3.2 Gen1 Standard-A plug

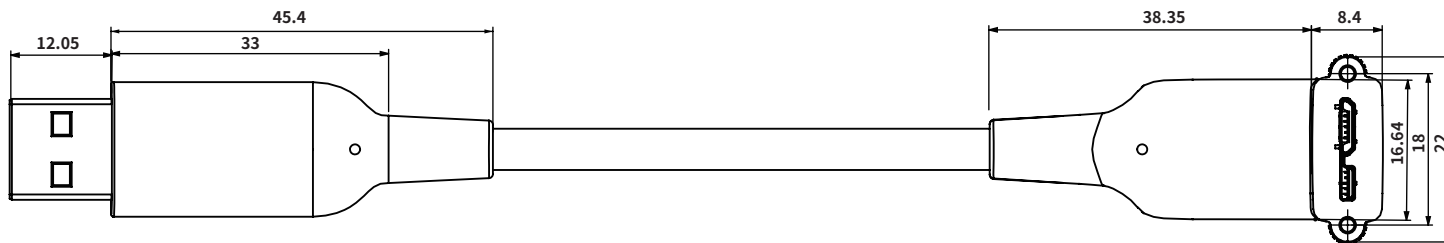
Device— USB3.2 Gen1 Micro B plug with locking screw

Transmit speed: 5Gbps

Power support: Max 900mA (5/10/15m)/600mA(20m)

Operation/Storage Temperature: -10 - 70°C / -40 - 85 °C

## Product Size



# USB3.2 Gen1 Type C Hybrid Active Optical Cable ▶

(EPGUH71-A0C0)

## Feature —



USB3.2 Gen1 and  
compatible with USB2.0



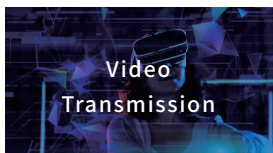
Plastic injection  
housing



Accessories customized  
for label and package



## Application scenario —



## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/30m/40m/50m

Power Consumption: 1.5W

Weight: 385g (10m)

Cable Outer Diameter: 4.9mm

Minimum Cable Bending Radius: 60mm

Operation Temperature: -20 - 70°C

Interface: Host— USB3.2 Gen1 Standard-A plug

Device— USB3.2 Gen1 Type C plug

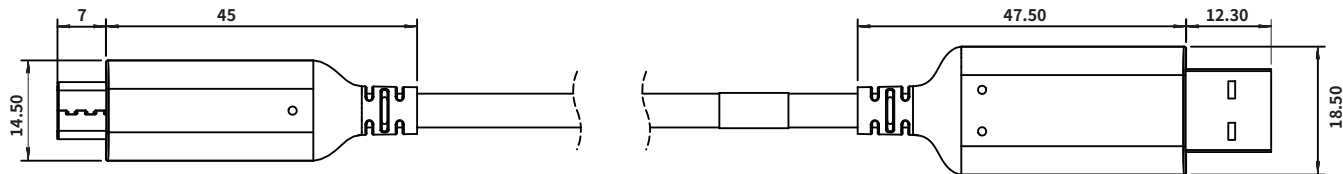
TPE Injection Housing

Transmit Speed: 5Gbps and compatible to USB2.0/1.1

Power Supply: Can't deliver bus power to device

Storage Temperature: -30 - 75 °C

## Product Size



# USB3.2 Gen1 Type C High Flexible AOC ▶

(EPIUH71-A0C1)

## Feature —



USB3.2 Gen1 and  
compatible with USB2.0



Support  
Bus Power



Plastic injection  
housing



Accessories customized  
for label and package



## Application scenario —



Machine Vision  
Camera Extension



Smart Digital Video  
Surveillance System



Digital Signage  
and TV Wall



Security Camera  
Extension



Remote Storage



Zero Client  
Connectivity

## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m

Power Consumption: 5V/110mA

Weight: 385g (10m)

Cable Outer Diameter: 4.9mm

Minimum Cable Bending Radius: 40mm

Operation Temperature: -20 - 70°C

Interface: Host— USB3.2 Gen1 Standard-A plug

Device— USB3.2 Gen1 Type C plug

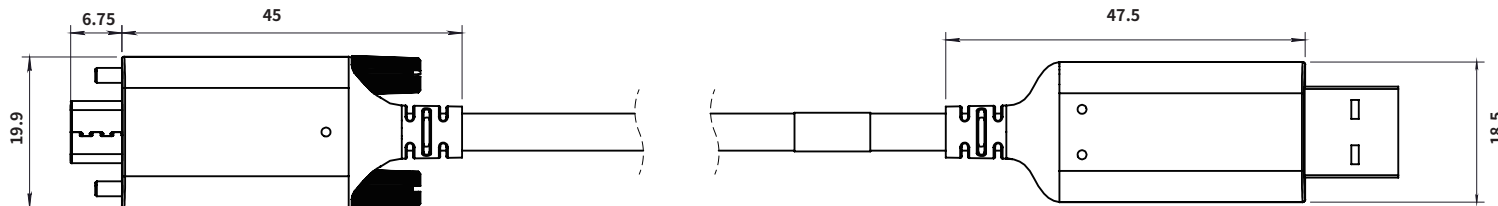
TPU Injection Housing

Transmit Speed: 5Gbps, compatible with USB 2.0 device

Power support: 900mA (0-10m)/600mA (11- 20m)

Storage Temperature: -40 - 85 °C

## Product Size



# USB3.2 Gen1 TypeC Hybrid Active Optical Cable ▶

(EPGUDH72-C0C0)

## Feature —



USB3.2 Gen1 and  
compatible with USB2.0



Support  
2lane DP1.4



Plastic injection  
housing



Accessories customized  
for label and package



## Application scenario —



## Accessories customization content —

Over mold: Logo

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material



## Specification

Optional Cable Length: 5m/10m

Power Consumption: 1.1W

Cable Outer Diameter: 6.5mm

Minimum Cable Bending Radius: 30mm

Operation Temperature: -10 - 60°C

Storage Temperature: -20 - 70 °C

Interface: Host— USB3.2 Gen1 Type C plug

Device— USB3.2 Gen1 Type C plug

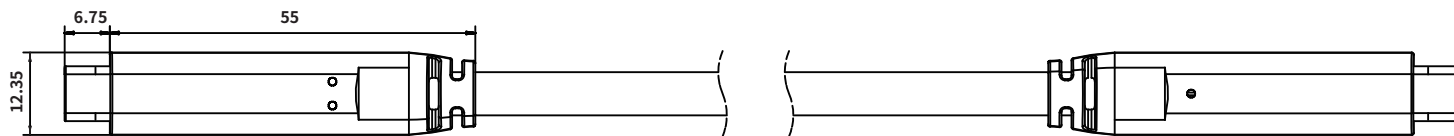
PVC Injection Housing

Transmit Speed: USB2.0 480Mbps/USB3.2 Gen1 5Gbps/DP 1.4 -8.1Gbps×2lane

Power Supply: PD2.0 , 60W(20V /3A)

Power Supply for device: 3.0 - 5.5V

## Product Size



# USB3.2 Gen1 TypeC Hybrid Active Optical Cable ▶

(EPGUDH72-C0C1)

## Feature —



USB3.2 Gen1 and  
compatible with USB2.0



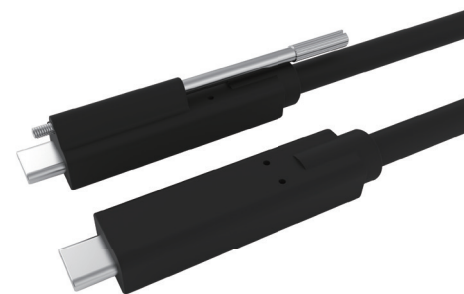
Support  
2lane DP1.4



Plastic injection  
housing



Accessories customized  
for label and package



## Application scenario —



Machine Vision  
Camera Extension



Smart Digital Video  
Surveillance System



Digital Signage  
and TV Wall



Security Camera  
Extension



Remote Storage



Zero Client  
Connectivity

## Accessories customization content —

Over mold: Logo

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m

Power Consumption: 1.1W(5V input)

Cable Outer Diameter: 6.5mm

Minimum Cable Bending Radius: 30mm

Operation Temperature: -10 - 60°C

Storage Temperature: -20 - 70 °C

Interface: Host— USB3.2 Gen1 Type C plug

Device— USB3.2 Gen1 Type C plug

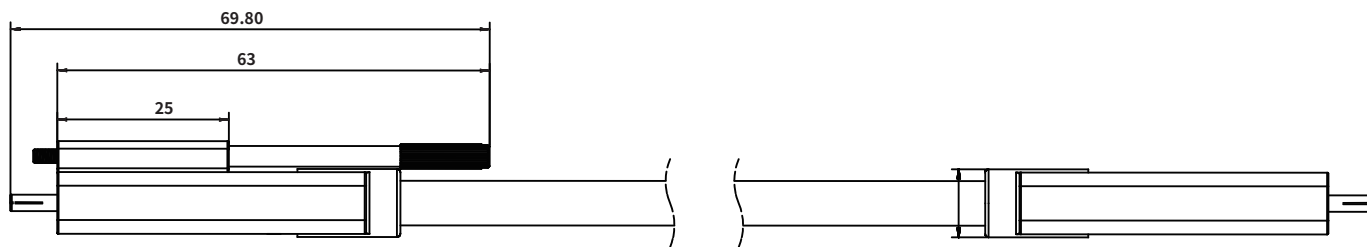
PVC Injection Housing

Transmit Speed: USB2.0 480Mbps/USB3.2 Gen1 5Gbps/DP 1.4 -8.1Gbps×2lane

Power Supply: PD2.0 , 60W(20V/3A)

Power Supply for device: 3.0 - 5.5V

## Product Size



# Camera Link 2.1 Active Optical Cable ▶

(EPICLH1)

## Feature —



Camera Link v version 2.1  
(From A3 Vision s standards)



40m



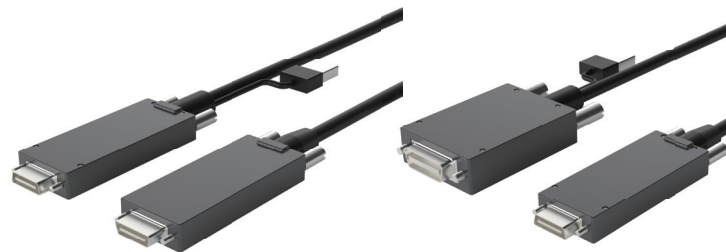
Drag chain test  
> 10 million times



Host:MDR/SDR  
Device:SDR



Y Cable



## Application scenario —



Consume Electric  
Data Transmission



Security Camera  
Extension

## Accessories customization content —

Over mold: Logo

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 40m

Power Consumption: 2W(DATA1)/3w(DATA2)

Weight: 433g(10m)

Cable Outer Diameter: 5.6mm

Minimum Cable Bending Radius: 40mm

Interface: Host— MDR/SDR

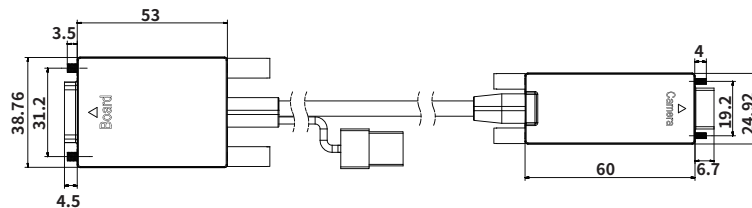
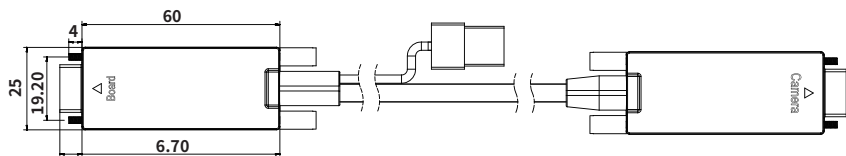
Device— SDR

Transmit Speed: Full+ configuration up to 5.44Gbps

Power Supply: 5V/400mA(DATA1),5V/600mA(DATA2)

Operation / Storage Temperature: -10~60°C / -20~70°C

## Product Size



# USB3.2 Gen1 TypeC Hybrid Active Optical Cable ▶

(EPGUH73-C0C2)

## Feature —



USB3 Vision compliant



Compatible  
with USB2.0



5m



High resistant with  
EMI and RFI



Plug and Play



## Application scenario —



Machine Vision  
Camera Extension



Smart Digital Video  
Surveillance System



Digital Signage  
and TV Wall



Security Camera  
Extension



Remote Storage



Zero Client  
Connectivity

## Accessories customization content —

Over mold: Logo

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material



## Specification

Optional Cable Length: 5m

Power Consumption: <300mW

Cable Outer Diameter: 4.6mm

Minimum Cable Bending Radius: 50mm

TPE Injection Housing

Interface: Host- USB3.2 Gen1 Type C plug

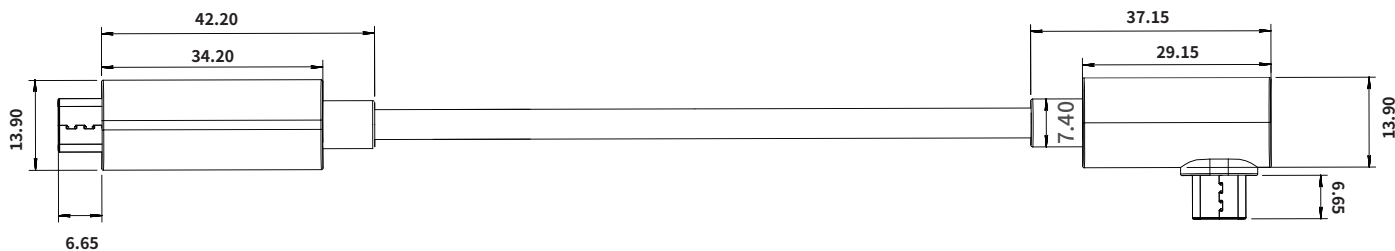
Device- USB3.2 Gen1 Type C plug

Transmit Speed: 5Gbps

Power Support: HOST-USB BUS; Device-PD 2.0, (20V 3A)

Operation / Storage Temperature: -10 - 60°C/-20 - 70 °C

## Product Size



# 8K HDMI Active Optical Cable ▶

(H1Si: H1-STD-Injection Mold)

## Feature —



Plastic injection  
housing



The plug size is small  
for wiring construction



Bandwidth  
48Gbps



Spec

## Application scenario —



HDMI

## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/

25m/30m/40m/50m/60m/70m/100m

Power Consumption: 250mW

Cable Diameter: 4.4mm

Minimum Cable Bending Radius: 20mm

Power: No external power needed

Interface: HDMI type A plug - HDMI type A plug

Bandwidth: 48Gbps, support 8K UHD display

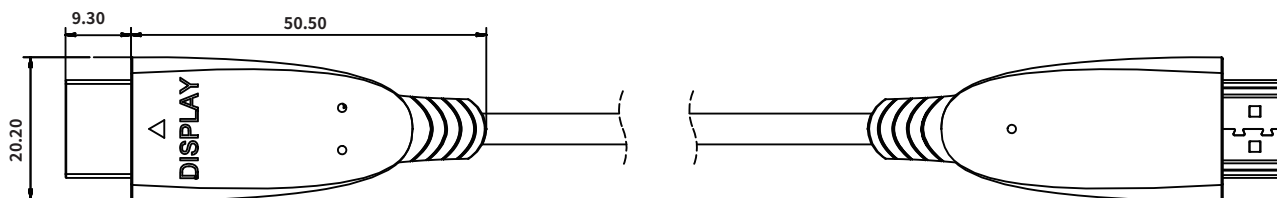
Bend Radius (Dynamic/Static) : 40mm/20mm

Tensile Strength (Long term/Short term): 100N/200N

Crush Resistance (Long term/Short term): 200N/400N

Operation Storage Temperature: 0 - 50°C / -20 - 70 °C

## Product Size



# 8K HDMI Active Optical Cable ▶

(H1Sm: H1-STD-Metal Housing)

## Feature —



Metal Housing



The plug size is small  
for wiring construction



Bandwidth  
48Gbps



Spec

## Application scenario —



Home Theater



Meeting System



Educational  
Institution



MAC Large  
ScreenDisplay



Security Camera  
Extension

## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material



HDMI

## Specification

Optional Cable Length: 5m/10m/15m/20m/

25m/30m/40m/50m/60m/70m/100m

Power Consumption: 250mW

Cable Diameter: 4.4mm

Minimum Cable Bending Radius: 20mm

Power: No external power needed

Interface: HDMI type A plug - HDMI type A plug

Bandwidth: 48Gbps, support 8K@60Hz UHD display

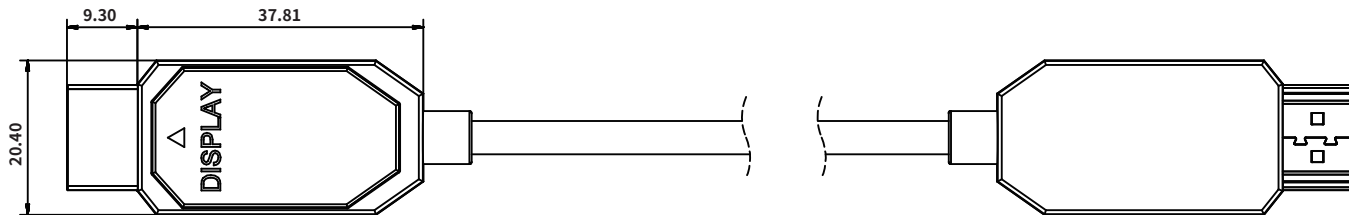
Bend Radius (Dynamic/Static) : 40mm/20mm

Tensile Strength (Long term/Short term): 100N/200N

Crush Resistance (Long term/Short term): 200N/400N

Operation Storage Temperature: 0 - 50°C / -20 - 70 °C

## Product Size



# 8K HDMI Active Optical Cable

(H1Sa: H1-STD- Aluminium alloy Housing)

## Feature



Aluminium  
alloy Housing



The plug size is small  
for wiring construction



Bandwidth  
48Gbps



Spec



HDMI

## Application scenario



## Accessories customization content

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/

25m/30m/40m/50m/60m/70m/100m

Power Consumption: 250mW

Cable Diameter: 4.4mm

Minimum Cable Bending Radius: 20mm

Power: No external power needed

Interface: HDMI type A plug - HDMI type A plug

Bandwidth: 48Gbps, support 8K@60Hz UHD display

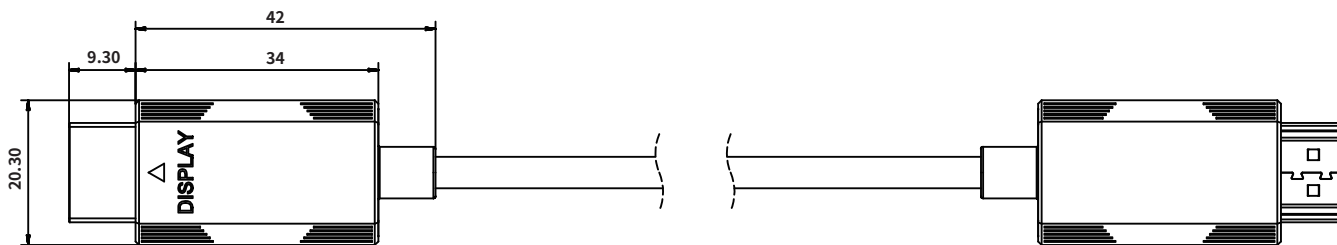
Bend Radius (Dynamic/Static) : 40mm/20mm

Tensile Strength (Long term/Short term): 100N/200N

Crush Resistance (Long term/Short term): 200N/400N

Operation Storage Temperature: 0 - 50°C / -20 - 70 °C

## Product Size





# 8K HDMI Active Optical Cable ▶

(H2Sm: H2-STD-Metal Housing)

## Feature —



Metal Housing



The plug size is small  
for wiring construction



Bandwidth  
48Gbps



Spec

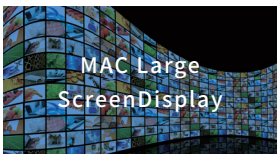


CTS



HDMI

## Application scenario —



## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m

Power Consumption: 250mW

Cable Diameter: 5.4mm

Bend Radius: 50mm

Tensile Strength: 100N

Interface: HDMI type A plug - HDMI type A plug

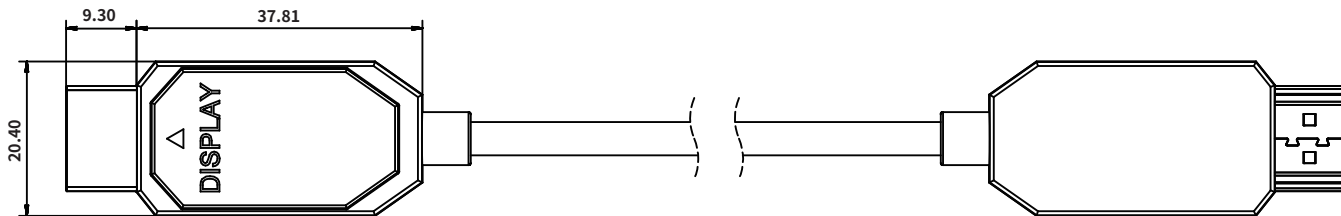
Bandwidth: 48Gbps, support 8K@60Hz UHD display

Power: No external power needed

Operation / Storage Temperature: 0 - 50°C / -20 - 70 °C

Crush Resistance: 100N

## Product Size



# 8K HDMI Pure Fiber Active Optical Cable ▶

(EPH3-v01)

## Feature —



8K@60Hz



150m



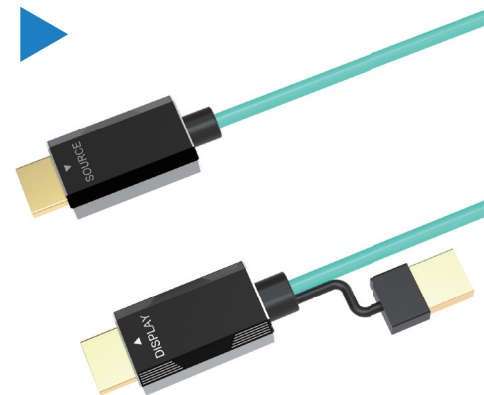
HDCP 2.2/2.3



CEC

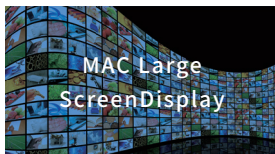


High resistant with  
EMI and RFI



HDMI

## Application scenario —



## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/25m/30m/40m/

50m/60m/70m/80m/90m/ 100m/120m/150m

Power Consumption: <500mW

Cable Diameter: 4.0mm

Minimum Cable Bending Radius: 45mm

Operation / Storage Temperature: 0 - 50°C / -20 - 60 °C

Tensile Strength (Long term/Short term): 300N/500N

(Armored), 220N/300N

Interface: HDMI type A plug - HDMI type A plug

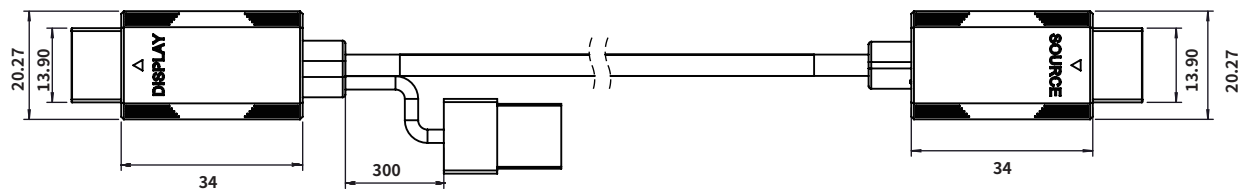
Bandwidth: 48Gbps, support 8K UHD display

Power Support: Source Side— by HDMI plug

Display Side— External power needed if source cannot provide enough power

Crush Resistance (Long term/Short term): 1000N/1500N/100mm(Armored), 80N/150N/100mm

## Product Size



# 8K HDMI Pure Fiber Active Optical Cable

(EPH3 HDMI-MPO)

## Feature



8K@60Hz



150m



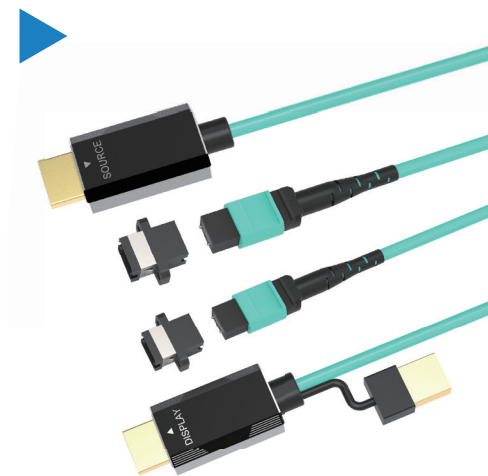
HDCP 2.2/2.3



CEC



High resistant with  
EMI and RFI



HDMI

## Application scenario



## Accessories customization content

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/25m/30m/40m/

50m/60m/70m/80m/90m/ 100m/120m/150m

Power Consumption: <500mW

Cable Outer Diameter: 4.0mm

Minimum Cable Bending Radius: 45mm

Operation / Storage Temperature: 0 - 50°C / -20 - 60 °C

Crush Resistance (Long term/Short term): 1000N/1500N/

100mm(Armored), 80N/150N/100mm

Interface: Source—HDMI type A plug + MPO (Detachable)

Midle Cable—MPO + MPO (Detachable)

Display—HDMI type A plug (with Y Cable) + MPO (Detachable)

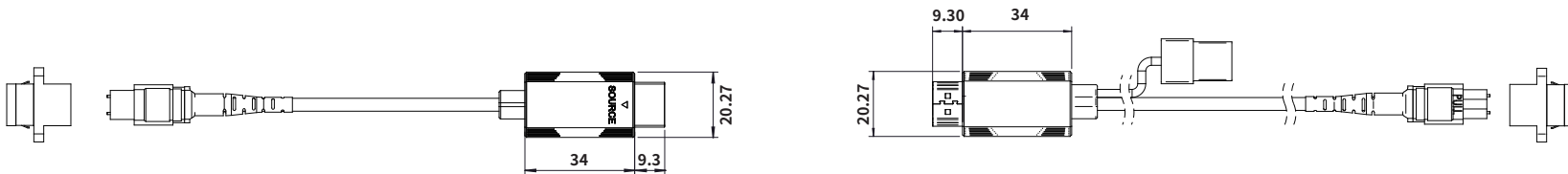
BandWidth: 48Gbps, support 8K UHD display

Power Supply: Source Side— by HDMI plug

Display Side— External power needed if source cannot provide  
enough power

Tensile Strength (Long term/Short term): 300N/500N(Armored), 220N/300N

## Product Size



# 8K HDMI Pure Fiber Active Optical Cable ▶

(EPH3Q-v01)

## Feature —



8K@60Hz



150m



HDCP 2.2/2.3



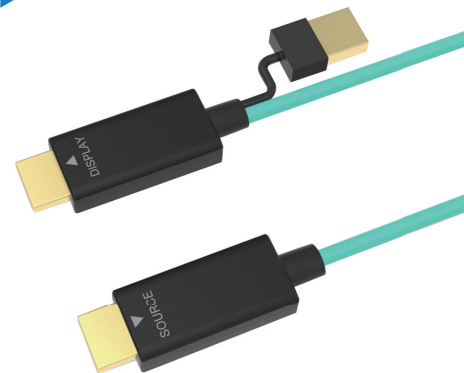
CEC



High resistant with  
EMI and RFI



Accessories customized  
for label and package



HDMI

## Application scenario —



Home Theater



Medical  
Video System



Digital Signage  
and TV Wall



Meeting System



Security Camera  
Extension

## Accessories customization content —

Over mold: Color, Logo

Cable: Cable legend, Color, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/25m/30m/

40m/50m/60m/70m/80m/90m/ 100m/120m/150m

Power Consumption: <500mW

Cable Outer Diameter: 3.0mm

Operation / Storage Temperature: 0 - 50°C / -20 - 60 °C

Crush Resistance (Long term/Short term): 1000N/

1500N/100mm(Armored), 80N/150N/100mm

Interface: HDMI type A plug - HDMI type A plug

BandWidth: 48Gbps, support 8K UHD display

Power Supply: Source Side— by HDMI plug

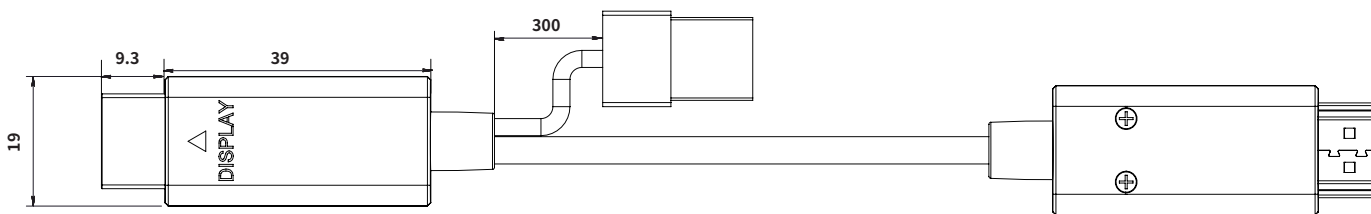
Display Side— External power needed if source cannot

provide enough power

Minimum Cable Bending Radius: 45mm

Tensile Strength (Long term/Short term): 300N/500N(Armored), 220N/300N

## Product Size





# Displayport 1.4 Active Optical Cable ▶

(EPDPC06)

## Feature —



The plug size is small for  
wiring construction



YOFC special bending  
insensitive fiber



Accessories customized  
for label and package



## Application scenario —



## Accessories customization content —

Over mold: Color, Logo, Surface treatment

Cable: Cable legend, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 10m/20m/30m/40m/50m

Power Consumption: 390mW 3.3V

Cable Outer Diameter: 4.0mm

Black Plastic Housing

Operation / Storage Temperature: 0 - 50°C / -20 - 70 °C

Tensile Strength (Long term/Short term): 100N/200N

Interface: Displayport type A plug - Displayport type A plug

Transmit Speed: DP 1.4, 32.4Gbps, support 8K@60Hz UHD display

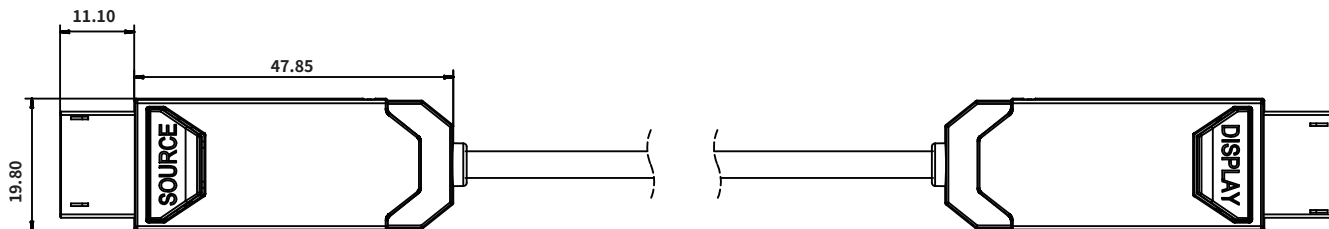
Power Supply: Source Side— by DP plug

Display Side— no external power needed

Minimum Cable Bending Radius (Dynamic/Static): 80mm/40mm

Crush Resistance (Long term/Short term): 200N/400N

## Product Size



# Displayport 1.4 Active Optical Cable ▶

(EPDPC02)

## Feature —



The plug size is small for  
wiring construction



YOFC special bending  
insensitive fiber



Accessories customized  
for label and package



## Application scenario —



## Accessories customization content —

Cable: Cable legend, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 10m/20m/30m/40m/50m

Power Consumption: 390mW 3.3V

Cable Outer Diameter: 4.0mm

Black Plastic Housing

Operation / Storage Temperature: 0 - 50°C / -20 - 70 °C

Tensile Strength (Long term/Short term): 100N/200N

Interface: Displayport type A plug - Displayport type A plug

Transmit Speed: DP 1.4, 32.4Gbps, support 8K@60Hz UHD display

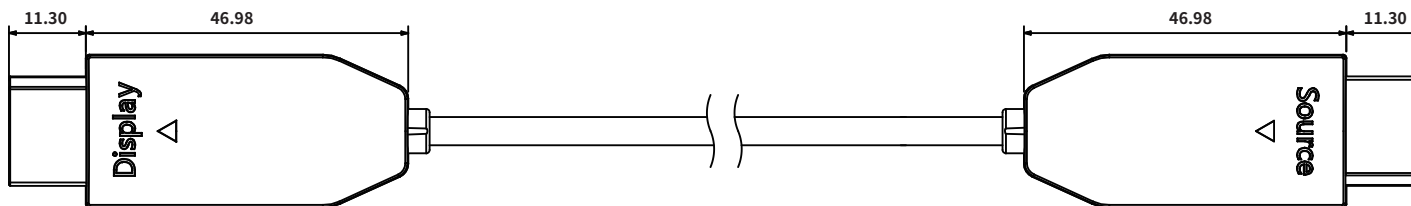
Power Supply: Source Side— by DP plug

Display Side— no external power needed

Minimum Cable Bending Radius(Dynamic/Static): 80mm/40mm

Crush Resistance (Long term/Short term): 200N/400N

## Product Size



# Displayport 1.4 Pure Fiber Active Optical Cable ▶

(EPDPC04)

## Feature —



200m



Metal housing



YOFC special bending  
insensitive fiber



EMI/EMC



Transfuture



Accessories customized  
for label and package



## Application scenario —



Home Theater



Medical  
Video System



Digital Signage  
and TV Wall



Meeting System



Security Camera  
Extension

## Accessories customization content —

Cable: Cable legend, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 50m/100m/150m/200m

Power Consumption: 390mW 3.3V

Cable Outer Diameter: 4.0mm

Black Plastic Housing

Operation / Storage Temperature: 0 - 50°C / -20 - 70 °C

Crush Resistance (Long term/Short term): 200N/400N

Interface: Displayport type A plug - Displayport type A plug

Transmit Speed: DP 1.4, 32.4Gbps, support 8K@60Hz UHD display

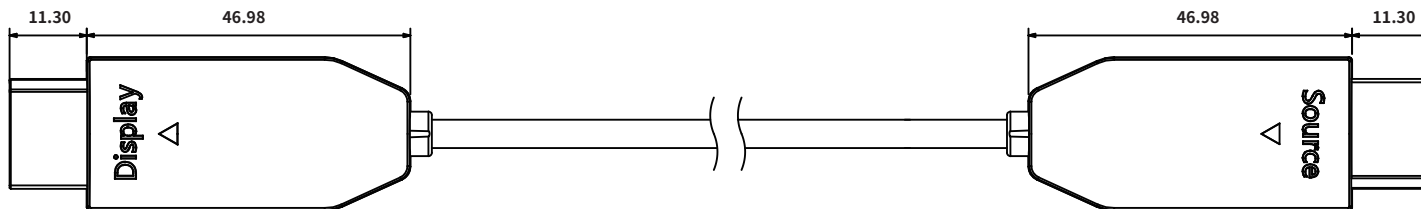
Power Supply: Source Side— by DP plug

Display Side— no external power needed

Minimum Cable Bending Radius (Dynamic/Static): 80mm/40mm

Tensile Strength (Long term/Short term): 100N/200N

## Product Size



# DP2.0 Hybrid Active Optical Cable ▶

(EPD2)

## Feature —



50m



Display Port 2.0



Plug and Play



High resistant with  
EMI and RFI



No need  
external Power



Accessories customized  
for label and package



## Application scenario —



Home Theater



Medical  
Video System



Digital Signage  
and TV Wall



Meeting System



Security Camera  
Extension

## Accessories customization content —

Cable: Cable legend, Material

Packing: Packing type, Packing Legend, Color, Material

Instructions/ Guarantee: Legend, Color, Material

## Specification

Optional Cable Length: 5m/10m/15m/20m/25m/30m/

40m/50m

Power Consumption: <1.5W

Cable Outer Diameter: 4.0mm

Operation Temperature: -10 - 60°C

Storage Temperature: -20 - 70 °C

Interface: Displayport type A plug - Displayport type A plug

BandWidth: 10Gbps x4

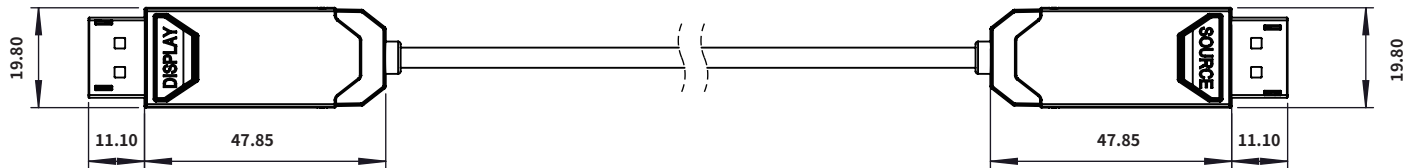
Power Supply: No external power needed

Minimum Cable Bending Radius: 50mm

Tensile Strength: 111N

Crush Resistance (Long term/Short term): 100N/100mm

## Product Size







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