

## USB hybrid optical electrical cable price



### AI Overview

USB hybrid optical/electrical cables typically range from €50 to €150 depending on length, bandwidth, and brand. Price Examples

**DIGITUS USB-C AOC Hybrid Cable:** This USB Type-C active optical cable supports UHD 4K/60Hz video and 21.6 Gbps bandwidth. Prices on Amazon.de generally fall around €120–€130 for standard lengths, including VAT, with free returns available.

**ACT AK4307 USB-C Hybrid 4K Cable:** Designed for longer distances up to 10 meters, supporting 10 Gbps data transfer, 4K @ 60Hz video, and 60W power delivery. Available at MediaMarkt, the monthly installment is €28.69, which corresponds to a total price of approximately €150.

**Unibrain 20m USB 3.1 Hybrid AOC:** Type-A to Micro-B cable for industrial and machine vision applications, supporting 5 Gbps over 50 meters. Pricing is typically €100–€140, depending on distributor and shipping.

**Everpro USB 3.0 AOC:** Optical fiber cable supporting 5 Gbps up to 100 meters, with a thin 3mm diameter for easier installation. Prices vary widely based on length and vendor, generally starting around €80 for shorter lengths.

**Factors Affecting Price**

- Cable Length:** Longer cables (10–100 meters) cost significantly more due to additional optical fiber and active components.
- Bandwidth and Resolution:** Higher data rates (10–21.6 Gbps) and 4K/60Hz or higher video support increase cost.
- Connector Type:** USB-C cables are generally more expensive than USB-A or Micro-B due to higher demand and newer technology.
- Brand and Certification:** Established brands like DIGITUS, ACT, and Unibrain often charge a premium for reliability, warranty, and compliance with USB standards.

**Summary**

For typical consumer or professional use, expect to pay between €50 and €150 for a USB hybrid optical/electrical cable, with longer or higher-performance cables reaching the upper end of this range. Industrial or specialized applications may exceed this range depending on length and specifications.

## Article Content

### DIGITUS USB-C AOC Hybrid Fibre Optic AV Connection Cable

This active USB Type-C AOC AV Connection Cable is ideally suited for transferring uncompressed video and audio data with high bandwidth over longer distances. The hybrid construction, which uses

### Optical Hybrid Cables: A Comprehensive Guide

This guide provides an in-depth exploration of optical hybrid cables, detailing their construction, technical standards, and the myriad advantages they offer. Whether deployed in urban

### 10m (33 ft) USB 3.0 Hybrid AOC, Type-A to Micro-B, high flex

The USB 3.0 Hybrid AOC can extend the USB 3.0 bus up to 20 meters or 66 ft with a maximum bandwidth speed of 5 Gbps and features a Micro-B connector with screw lock support, making it

### Optical USB Cables

Fiber optic USB cables are the ideal choice for long-distance connectivity due to their high bandwidth capabilities. They offer enhanced durability, flexibility, and

### LINDY 10m USB 3.2 Gen 2 & DP 1.4 Type C Hybrid Cable

About this item The Lindy USB 3.2 Gen 2 & DP 1.4 Type C Hybrid Cable is a unique solution, which uses optical fibre for long length 10Gbps high-speed transmission of USB 3.2 and DP 1.4 data over

### USB 3.0 Hybrid Active Optical Cables, Type A to MicroB

The USB 3.0 Hybrid Active Optical cables resolve one limitation of pure optical cables which cannot supply power to the end device. On the basis of the use of a thin profile (4.8 mm) optical fiber as the

### USB Hybrid (AM-MicroB)

Everpro's USB 3.0 AOC uses optical fiber to replace copper wire as the high speed signal transmission medium supporting 5Gbps up to 100m. The optical to electrical conversion engine ensures

### phoossno USB 3.0 A to B Extension Cable Active Optical USB

USB 3.0 Active Optical Cable adopt standard USB A male to USB B male solution, at USB B male side, end-user can exchange different USB device, such as: Touch Screen, Web Camera, Game Controller, Keyboard, Printer, Scanner, etc.

Amazon : Opticis USB-FC30AA-30 USB 3.0 Active Optical Cable ...

USB-FC-30AA provide A plug-in to A receptacle. In addition, instead of using a pure fiber optical cable, to enhance its affordability, hybrid fiber cable with electrical wire is used.

#### USB 3.0 Active Optical Cables Archives

The USB 3.1 (Gen1, 5 Gbps) Hybrid Active Optical cables resolve one limitation of pure optical cables which cannot supply power to the end device. On the basis of USB Hybrid (AM-MicroB)

The optical to electrical conversion engine ensures transmission of high bandwidth at low power consumption. With a cable diameter in the range of 3mm, it is thinner and lighter than copper cable

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#### USB 3.0 AOC, Type-A Male to Micro-B Male, Hybrid

Shop for low price, high quality USB 3.0 AOC, Type-A Male to Micro-B Male, Hybrid 5Gbps USB 3.0 Active Optical Cable at ActiveOpticalCable with worldwide

#### 5Gbps USB 3.0 Active Optical Cable-AOC-type A to Micro-B 20m

The FUBC-30AB-XX USB 3.0 (5Gbps) Hybrid Active Optical Cable, type A Male to Micro-B offers a solution to a significant limitation of pure optical cables: the inability to power end devices.

#### HANUTECH USB 3.0 AOC, Type-A Male to Type-C Male, Hybrid

Product description HANUTECH USB 3.0 Active Optical Cable (AOC) is designed to be compliant with SuperSpeed USB electrical specifications, offering seamless interoperability between existing USB

#### 5Gbps USB 3.0 Active Optical Cable-AOC-type A to

Extending the USB 3.x bus to a remarkable 20 meters or 65 ft, this USB 3.0 Hybrid Active Optical Cable ensures a maximum bandwidth speed of 5 Gbps. With a

#### ACT AK4307 Optisches AOC/Hybrid 4K USB Kabel

ACT AK4307 Optisches AOC/Hybrid 4K USB Kabel im Onlineshop von MediaMarkt kaufen. Jetzt bequem online bestellen.

#### Horizon Telecomunicaciones

On campus networks, optical/electric hybrid cables are used to connect Huawei's hybrid optic/electrical switches to remote modules or Wi-Fi 6 APs, such as the CloudEngine S5732-H series, the AirEngine

### Alogic USB-C Hybrid Active Optical Cable 10m

The Alogic USB-C Hybrid Active Cable (U3-TCC10-MM-H) is a hybrid active optical cable, capable of up to 4K video output with DisplayPort 1.4, 60W USB PD charging, and USB 3.2 data transfer speeds

### USB 3.0 Hybrid Active Optical Cables, Type A to MicroB

The USB 3.0 Hybrid AOC can extend the USB 3.0 bus up to 50 meters or 164 ft with a maximum bandwidth speed of 5 Gbps and features a Micro-B connector with screw lock support, making it

### Dynamix 15M USB 3.2 Type C to C Hybrid Active Optical Cable

The DYNAMIX C-U32-LL-CC is a USB 3.2 Gen2 Type-C to Type-C Active Optical Cable (AOC) designed for high-speed data transmission over extended distances. Utilizing a hybrid copper & fiber

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