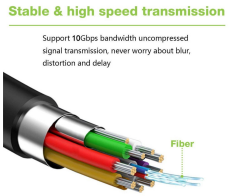
DATASHEET

Techly Aktiv USB-C AOC fiber optic cable 4k, 30m







General data

Active Optical Cable (AOC) fiber optic cable with USB-C™ male / male gold-plated connections; The standard USB cable is limited to a maximum length of 5m. With the AOC USB Fiber Optic Hybrid Cable you can extend your USB-C™ cable over long distances
Suitable for connecting a USB-C™ laptop to a monitor with USB-C™ connection positioned even very far from the notebook; It supports maximum bandwidth of 21.60 Gbps
4-wire fiber optic cable and 7-wire copper conductors; Equipped with TPE sheath; Hollow OD: 4.2mm
Thinner, lighter and softer than ordinary copper wire; Extremely resistant to electromagnetic interference, it transmits the image with great clarity, without delays and signal loss; this makes it especially suitable for use in critical environments
Connection connectors in elegant black metal

The USB-C™ Active Optical Link Cable uses electrical-to-optical conversion on the cable ends to improve speed performance and exclude electromagnetic interference from the cable, which is capable of supporting much longer distances than standard cable in copper. With an ultra-slim profile and long range, USB AOC breaks the barrier of distance and introduces USB-C™ devices to a whole new range of applications, such as long-distance viewing, security and high-definition surveillance, the control of industrial and medical machines.
It supports UHD resolutions up to 4K/60Hz and bandwidths up to 21.6Gbps. The diameter of the cable is only 4.2 mm and allows for a small bending radius.

Features

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Converts USB electrical data signal to optical signal
Allows you to extend the USB-C™ signal over long distances
Supports video resolution up to 4K@60Hz, DP ALT mode (4 lane)
Supports HDCP1.3/EDID/CEC/3D
Low energy consumption
Plug and play, requires no driver installation

Technical specifications
AOC USB-C™ Hybrid Fiber Optic Cable
Supports maximum bandwidth of 21.6 Gbps
Cable OD: 4.2mm
Zinc alloy connector covers for superior EMI performance
TPE sheath
Connectors: USB-C™ male / male
Golden connections
Colour: Black

Compatibility
Windows
Mac

Certifications
EC
RoHS
WEEE

Technical properties	
Connection type connection 1	Plug
Connection type connection 2	Plug
Number of poles connection 1	24
Number of poles connection 2	24
Type of connector connection 1	USB Type-C
Type of connector connection 2	USB Type-C

Available variants

ArtNr.	Bezeichnung	Colour	Length
ICOC-U3C-HY-010	Techly Aktiv USB-C AOC fiber optic cable 4k, 10m	black	10.0 m
ICOC-U3C-HY-015	Techly Aktiv USB-C AOC fiber optic cable 4k, 15m	black	15.0 m
ICOC-U3C-HY-020	Techly Aktiv USB-C AOC fiber optic cable 4k, 20m	black	20.0 m
ICOC-U3C-HY-030	Techly Aktiv USB-C AOC fiber optic cable 4k, 30m	black	30.0 m

Note on Intended Use

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This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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