Delock Active Optical USB-C™ Video + Data + PD Cable 8 m

Description

This USB cable by Delock enables the connection between a device with a USB Type-C™ connector and a PC or a laptop equipped with a free USB Type-C™ port.



Item no. 84147

EAN: 4043619841479

Country of origin: China

Package: Box

Active Optical Cable

This active optical cable uses optical fiber to transmit high-speed signals. Compared to traditional copper cable, it is softer, thinner, lighter, and can transmit signals over longer distances without loss.

DisplayPort 1.4 with 2 lanes

The cable is suitable for connecting a USB-C™ monitor with resolution up to 4K Ultra HD (3840 x 2160 @ 144 Hz) to a computer with USB-C™ interface and DisplayPort Alternate Mode support.

USB 3.2 Gen 2 with 10 Gbps

The active optical cable enables data transfer rates of up to 10 Gbps when connecting USB 3.2 Gen 2 compatible devices. Of course, USB 2.0 devices can also be connected.

USB Power Delivery support up to 60 watt

Supporting the USB Power Delivery standard, connected devices can be powered up to 60 W (20 V / 3 A).

Note

This cable is only compatible with DisplayPort (DP alt mode) devices and it will not work with Thunderbolt™ devices.

Specification

- Connectors:
  2 x SuperSpeed USB 10 Gbps (USB 3.2 Gen 2) USB Type-C™ male
- Active optical cable: fiber / copper hybrid cable
- Supports 2 lanes DisplayPort 1.4

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- Supports Display Stream Compression 1.2 (DSC)
- Supports DP Alt Mode
- Transmission of audio and video signals
- Maximum resolution (depending on the system and the connected hardware):
  DisplayPort 1.4 with DSC: up to 3840 x 2160 @ 144 Hz
  DisplayPort 1.4 without DSC: up to 3840 x 2160 @ 60 Hz
  DisplayPort 1.2 without DSC: up to 3840 x 2160 @ 30 Hz
- Supports HDR (High Dynamic Range)
- Supports HDCP 1.4 and 2.2
- Fixed signal direction for video (Source / Display)
- Non-directional for data
- Data transfer rate up to SuperSpeed USB 10 Gbps
- Downwards compatible to USB 2.0
- Output current: up to 3 A
- Cable diameter: ca. 6.5 mm
- Colour: black
- Length incl. connectors: ca. 8 m

System requirements

- PC or laptop with a free USB Type-C™ port and DisplayPort alternate mode
- Monitor with a free USB Type-C™ (DP Alt Mode) interface

Package content

- SuperSpeed USB 10 Gbps cable

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General

Specification:	USB Type-C™

Interface

Connector 1:	1 x USB 3.2 Gen 2 Type-C™ male
Connector 2:	1 x USB 3.2 Gen 2 Type-C™ male

Technical characteristics

Data transfer rate:	USB 3.2 Gen 2 bis zu 10 Gb/s
Operating temperature:	-10 °C ~ 50 °C
Maximum screen resolution:	3840 x 2160 @ 144Hz
Maximum current:	3 A

Physical characteristics

Cable colour:	black
Cable diameter:	6.5 mm
Cable length incl. connector:	8 m
Smallest bending radius:	60 mm

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