

# Active Optical USB-C™ 8K Video + Data + PD Cable 5 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.

### 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 2.1 with 4 lanes

The cable is suitable for connecting a USB-C™ monitor with resolution up to 8K Ultra HD (7680 x 4320 @ 60 Hz) to a computer with USB-C™ interface and DisplayPort Alternate Mode support.

When connected to a docking station with simultaneous operation of DisplayPort and USB at 10 Gbps, a resolution of 3840 x 2160 @ 120 Hz is possible.

### USB with 10 Gbps

The active optical cable enables data transfer rates of up to 10 Gbps when connecting USB 10 Gbps 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).

### Please Note

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



**Item no. 84255**

EAN: 4043619842551

Country of origin: China

Package: Box

## Technical details

- Connectors:  
2 x USB 10 Gbps USB Type-C™ male
- Active optical cable: fiber / copper hybrid cable
- Supports 2 / 4 lanes DisplayPort 1.4
- 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 2.1 with DSC: up to 7680 x 4320 @ 60 Hz (4 Lanes)
  - DisplayPort 1.4 with DSC: up to 3840 x 2160 @ 120 Hz (2 Lanes)
- 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 10 Gbps
- Downwards compatible to USB 2.0
- Output current: up to 3 A
- Cable jacket material: TPE
- Cable diameter: ca. 6.5 mm
- Colour: black
- Length incl. connectors: ca. 5 m

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## 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

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## Package content

- USB 10 Gbps cable

## General

|                |                      |
|----------------|----------------------|
| Specification: | USB Type-C™          |
| Style:         | both sides identical |

## Interface

|              |                                  |
|--------------|----------------------------------|
| Connector 1: | 1 x USB 10 Gbps USB Type-C™ male |
| Connector 2: | 1 x USB 10 Gbps USB Type-C™ male |

## Technical characteristics

|                            |                                             |
|----------------------------|---------------------------------------------|
| Data transfer rate:        | 10 Gbps                                     |
| Operating temperature:     | -10 °C ~ 50 °C                              |
| Maximum screen resolution: | 7680 x 4320 @ 60 Hz<br>3840 x 2160 @ 120 Hz |
| Maximum current:           | 3 A                                         |

## Physical characteristics

|                                |           |
|--------------------------------|-----------|
| Cable colour:                  | black     |
| Cable length incl. connectors: | 5 m       |
| Smallest bending radius:       | 60 mm     |
| Cable jacket material:         | PUR (TPU) |

## Manufacturer information

|             |                   |
|-------------|-------------------|
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| Postal code | 14167             |
| City        | Berlin            |
| Country     | Deutschland       |
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