

Thunderbolt™ 3 (20 Gb/s) USB-C™ cable male > male passive 1.0 m 5 A black

Description

This Thunderbolt™ 3 cable by Delock is universally applicable and combines all the advantages of the Thunderbolt™ 3 interface. It allows the connection of different devices such as external enclosures, monitors, card readers and docking stations via a Thunderbolt™ 3 port of a PC or laptop. The cable provides data transfer rates of up to 20 Gb/s and supports USB, DisplayPort, PCI Express as well as Ethernet data transfer. The connection of a 5K or a 4K DisplayPort monitor is possible, as is the connection of USB 3.1 Gen 2 devices. Furthermore the cable enables the power supply of connected devices with up to 100 W.

[Delock Thunderbolt™ 3 cable \(Video\)](#)

Please Note

The maximum data transfer rate of 40 Gb/s that can be achieved with Thunderbolt™ 3 can only be realised with a 0.5 m long cable (Delock [84844](#)).



Item no. 84845

EAN: 4043619848454

Country of origin: China

Package: Retail Box

Technical details

- Connector:
 - 1 x Thunderbolt™ 3 USB Type-C™ 24 pin male >
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- Chipset: Cypress E-Marker
- Cable gauge:
 - 32 + 34 AWG data line
 - 24 + 34 AWG power line
- Cable diameter: ca. 4.4 mm
- Conductors: 8 x coaxial for SuperSpeed USB, 1 x Twisted Pair for USB 2.0
- Gold-plated connector
- Triple shielded cable
- Data transfer rate:
 - Thunderbolt™ 3 up to 20 Gb/s
 - DisplayPort 1.2a up to 21.6 Gb/s
 - SuperSpeed USB up to 10 Gb/s
 - Thunderbolt™ Networking up to 10 Gb/s (Peer-To-Peer)
- Display resolution up to:

1 x 5120 x 2880 30 Bit @ 60 Hz or

1 x 4096 x 2160 30 Bit @ 60 Hz

(depending on the system and the connected hardware)

- Supports data and video on a single cable
- Supports PCI Express 3.0 protocol (4 lanes)
- Supports DisplayPort 1.2a protocol (8 lanes, HBR2 and MST)
- Daisy Chain up to 6 Thunderbolt™ devices (cascadable)
- Dual channel, bi-directional data transfer
- Power supply via USB Power Delivery up to 100 W (20 V / 5 A)
- Power supply for Thunderbolt™ 3 devices with bus power (max. 15 W)
- Colour: black
- Length without connector: ca. 1.0 m

System requirements

- PC or laptop with a free Thunderbolt™ 3 port

Package content

- Thunderbolt™ cable

Images



General

Specification:	Thunderbolt™ 3
Style:	both sides identical

Interface

Connector 1:	1 x Thunderbolt™ 3 USB Type-C™ 24 pin male
Connector 2:	1 x Thunderbolt™ 3 USB Type-C™ 24 pin male

Technical characteristics

Chipset:	Cypress E-Marker
Data transfer rate:	Thunderbolt™ 3 up to 20 Gb/s DisplayPort 1.2a up to 21.6 Gb/s USB 10 Gbps up to 10 Gb/s Gigabit Ethernet up to 10 Gbps
Maximum screen resolution:	5120 x 2880 @ 60 Hz 4096 x 2160 @ 60 Hz
Maximum power:	100 W 15 W (Bus Power)
Maximum current:	5 A

Physical characteristics

Pin finishing:	gold-plated
Conductors:	1 x Twisted Pair 8 x coaxial
Cable gauge:	32 AWG data line 34 AWG data line 24 AWG power line 34 AWG power line
Shielding:	triple
Length:	1 m
Colour:	black

Cable diameter:	4.4 mm
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Manufacturer information

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