DATASHEET

USB-C Cable 100W PD 3.0 5A E-Marker Chip 0.5m white w. gold contacts, txtl. sh.











General data

This white USB-C cable from EFB-Elektronik meets the requirements for USB 2.0 High-Speed. The USB standard is backward compatible and suitable for many devices. With a bandwidth of 480 Mbit/s, various types of media can be easily transferred.

- Features a built-in chip for improved data exchange between connected devices
- Contact material: gold-plated contacts for reliable transmission quality
- Power delivery: up to 100 W for extra-fast charging

Product benefits
Power delivery of up to 100 W is possible.

Product description
The cable jacket is made of PVC and fabric. The USB Type-C connectors feature an aluminum housing, which helps prevent damage.

Technical Details
- Connector 1: USB Type-C plug (24-pin)
- Connector 2: USB Type-C plug (24-pin)

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EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

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- Connector angle: 180° (straight)
- Maximum transfer rate: 480 Mbit/s
- Cable diameter: 4.0 mm
- Sheath material: PVC + textile
- Maximum mating cycles: 10,000
- With kink protection
- Brand: EFB-Elektronik

Package contents
- 1 x USB cable

Technical properties	
3D	False
ARC	False
Backwards compatible	True
Bending radius (dynamic/static)	40 mm
CEC	False
Cable set	False
Cable type (passive/active/optical)	passive
Chip	True
Connection type connection 1	Plug
Connection type connection 2	Plug
Connector 1 angulation	180°
Connector 2 angulation	180°
Contact Plating	gold-plated
DSC	False
Dust cover	false
HDMI Power	False
HDMI certified	False
HEC (Ethernet channel)	False
Halogenfree	No
Kink protection	True
MSA	False
MST	False
Material Connector Housing	Aluminium
Material Inner Conductor	BC
Material jacket	PVC+Textile
Max. mating cycles	10000

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Model	Round Cable
Number of poles connection 1	24
Number of poles connection 2	24
Number of shieldings	double
Operating temperature	-5 – 45 °C
PCIe Data transfer	False
Plug dimensions Side 1	8.25 x 2.35 x 14.5mm
Plug dimensions Side 2	8.25 x 2.35 x 14.5mm
Power Delivery	100 W
Scope of delivery	1xUSB Cable
Shielded	True
Speed	480 Mbit/s
Temperature	-20 – 70 °C
Tensile strength (short/long)	98,1 N
Type of connector connection 1	USB Type-C
Type of connector connection 2	USB Type-C
Type of packaging	paper box
VESA certified	False
VRR	False
Version	USB 2.0 High-Speed
Warranty	36 months
With termination resistor	False
eARC	False

Available variants

ArtNr.	Bezeichnung	Colour	Length	Diameter	AWG
USB-CC-00036	USB-C Cable 100W PD 3.0 5A E-Marker Chip 0.5m white w. gold contacts, txtl. sh.	white	0.5 m	4.0 mm	20AWG
USB-CC-00037	USB-C Cable 100W PD 3.0 5A E-Marker Chip 1m white w. gold contacts, txtl. sh.	white	1 m	4.0 mm	20AWG
USB-CC-00038	USB-C Cable 100W PD 3.0 5A E-Marker Chip 2m white w. gold contacts, txtl. sh.	white	2 m	4.0 mm	20AWG
USB-CC-00039	USB-C Cable 100W PD 3.0 5A E-Marker Chip 3m white w. gold contacts, txtl. sh.	white	3 m	4.0 mm	20AWG

Note on Intended Use

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

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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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