DATASHEET

USB3.1 5Gbit 3A Connection Cable A-C, M-M, 1.0m, black

General data

USB 3.1 - maximum possible transmission rate 10 Gbit/s
maximum possible electical current dependent on profile drom 1500 mA - 500 mA
maximum possible electical power 100 W
Type-C reversible plug
Hostcontroller Type-C, not downward compatible

Technical properties

3D	False
ARC	False
Backwards compatible	True
Bandwith	5 Gbit/s
Bending radius (dynamic/static)	25,4 mm
CEC	False
Cable set	True
Cable type (passive/active/optical)	passive
Chip	False
Compliant with	USB Charger, USB PSU, Smartphone
Connection type connection 1	Plug

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Connection type connection 2	Plug
Connector 1 angulation	180°
Connector 2 angulation	180°
Contact Plating	nickel-plated
DSC	False
Dust cover	No
Fast Charging technologie	PD 3.0
HDMI Power	False
HDMI certified	False
HEC (Ethernet channel)	False
Halogenfree	No
Kink protection	False
MSA	False
MST	False
Material Connector Housing	Stainless steel
Material Inner Conductor	TC
Material jacket	PVC
Max. mating cycles	10000
Model	Round Cable
Number of poles connection 1	9
Number of poles connection 2	24
Number of shieldings	triple
Operating temperature	-15 – 80 °C
PCIe Data transfer	False
Plug dimensions Side 1	15.2*7.5*26.3mm
Plug dimensions Side 2	11.5*6.0*25.0mm
Power Delivery	60 W
Scope of delivery	1 x USB Cable
Shielded	True
Speed	5 Gbit/s
Supported protocols / functions	USB OTG
Temperature	-15 – 80 °C
Tensile strength (short/long)	39,2 N
Type of connector connection 1	USB-A
Type of connector connection 2	USB Type-C
Type of packaging	plastic bag
Type of signal	Digital

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VESA certified	False
VRR	False
Various lengths cable set	1*0.5m
Version	USB 3.2 Gen 1
Warranty	12 months
With termination resistor	False
eARC	False

Available variants

ArtNr.	Bezeichnung	Colour	Length	Diameter	AWG
K5282-3ASW.0,5	USB3.2 5Gbit 3A Connection Cable A-C, M-M, 0.5m, black	Black	0.5 m	4.2 mm	22+30+32AWG
K5282-3ASW.1	USB3.1 5Gbit 3A Connection Cable A-C, M-M, 1.0m, black	Black	1.0 m	4.2 mm	22+30+32AWG

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 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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