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Model No. Low voltage cable

Part No./Ordering No. USBC2SIL2MUSBC2SWBK

Rev A

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In Addition to GlobTek Inc.'s renewed ISO9001:2008 - Quality Management System Certification, GlobTek Inc. is now certified to:

    ISO13485:2003 - Medical Devices Quality Management System Certification
    ISO14001:2004 - Environmental Management System Certification

ISO Certificates are available online at https://www.globtek.com/iso-certificates/
Prop 65 Statement:https://en.globtek.com/prop-65-statement.pdf

The acceptance of this specification and use of the product described in this document indicates the acceptance and binding of the customer to Globtek TERMS AND CONDITIONS (attached to the end of this document), which supersede all other agreements, terms, and conditions (https://en.globtek.com/terms-and-conditions/).

The purchaser of this product (Customer) agrees that it is their sole responsibility to determine suitability/fitness of the product described in this specification for their application and to take precautions for protection against any hazards attendant to the handling and use of the product.

Footnote:

GlobTek Inc. will not be liable for the safety and performance of these power supplies if unauthorized access and repair occurs. End user should consult applicable UL, CSA or EN standards for proper installation instruction.

Limitation of Use:

GlobTek products are intended for use with commercial, medical, and/or industrial equipment only. GlobTek product are not authorized for use as mission critical components in life support hazardous environment, nuclear or aircraft applications without prior written approval from the CEO of GlobTek Inc.
Contents of this document are subject to change without prior notice.

Customer Approval of Specification:

Please approve, sign and send back to GlobTek so we can complete order processing.
A delay in receipt of this form will delay delivery schedule.

Company Name: _____   Customer P/N: _____

Quote Number: _____   Date: _____

Authorized Representative Name: _____   Authorized Representative Signature: _____

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REVISION HISTORY

REV	DESCRIPTION	SUB	DATE	APPROVED
A	Initial release	DR	01/25/2023	DAVID

Cordset Information:

CordsetColor:GlobTek Black

Cord Length (mm):2000±25

NOTES:

ACTUAL CONNECTORS, OVERMOLDS, FERRITES MAY VARY SLIGHTLY FROM THE PICTURE BELOW

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END A

Mates with GlobTek USB Type C cables with 2 screws.

END B
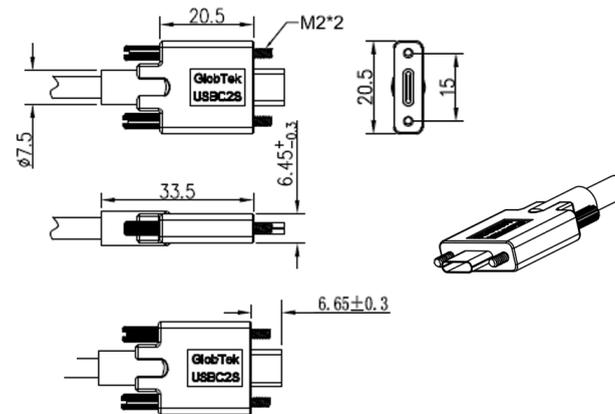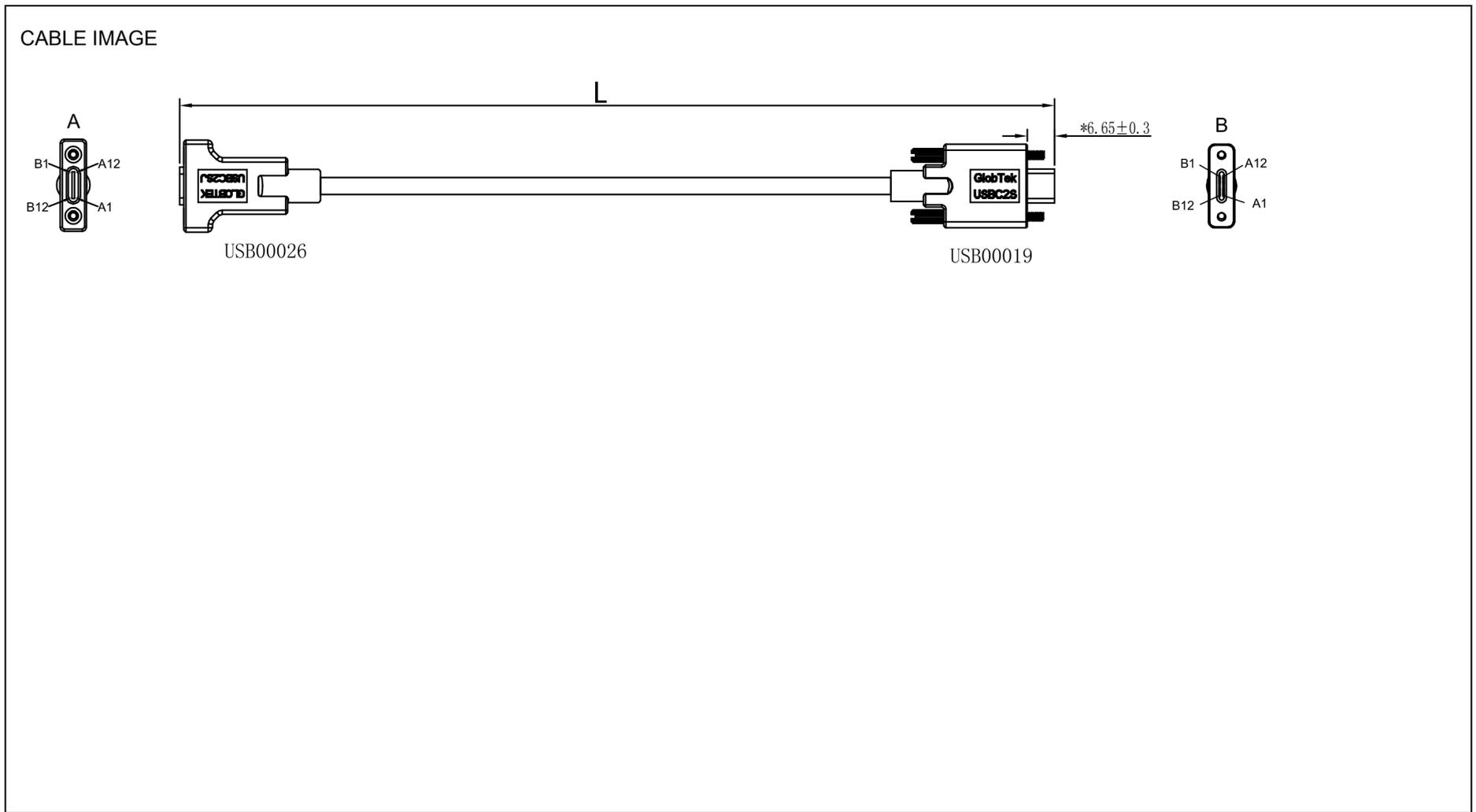

Mates with GlobTek USB Type C cables with 2 screws.

Note: This USB Type-C-to-Type-C cable should only be connected between a power source and sink (Load or user system) which are both fully compatible with the USB Type-C or USB Power Delivery (PD) specifications. Use of Type-A-to-Type-C "legacy" converters is not advised, as they may cause power negotiation errors. When using a Type-C-to-Type-C cable, internal circuits in both the power source and sink (Load or user system) handle power negotiation. A cable with an integrated pull-up resistor is only necessary when adapting a "legacy" USB source to a Type-C compliant sink.

Mates with USB TYPE 'C' DUAL SCREW LOCKING RECEPTACLE, RIGHT ANGLE, PCB MOUNT, RoHS COMPLIANT, AMPHENOL P/N P-MUSBR-M1CB-X0

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	Model No. Low voltage cable	
	Part No./Ordering No. USBC2SIL2MUSBC2SWBK	Rev A

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CABLE IMAGE

USB00026

USB00019

$*6.65 \pm 0.3$

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End A	Cable	End B
Code:USBCJACK2SCREWSINLINE	Code:(30AWG*1P+EAM)*4	Code:USBCM3.1-Lock 2 screw
Description:USB TYPE C JACK WITH, USB 3.0, 3.1, INLINE CABLE MOUNT & for panel mounting, MOLD USB00026 compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED)	Description:GT Cable #(30AWG*1P+EAM)*4: (30AWG*1P+EAM)*4+(30AWG*1P+AM)+(32AWG*1C+AL)*4+24AWG*2C+AEB (YUE YANG:SP-680-02) Type C GEN2 / 16+shield Conductors, 5.5mm OD, 80 Deg.C,	Description:USB C MALE 3.1 - USB Type-C plug connector with dual locking screws compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED)
Rating (V):20	Color:GlobTek Black	Rating (V):20
Rating (A):5.0	Wire Gauge(AWG):	Rating (A):5.0
Gender:Female	(30AWG*1P+EAM)*4+(30AWG*1P+AM)+(32AWG*1C+AL)*4+24AWG*2C+AEB	Gender:Male
Overmolded:Yes	(YUE YANG:SP-680-02) Type C GEN2	Overmolded:Yes
	Cond:16+shield	
	Type:	
	Temperature:80° C	
	Amps:	
	Volts:	
	OD:5.5	
	ConductorsColors:	
	Min # of bending tests passed:	

Overall cable rating:20V 5A

Plug Approvals	Cable Approvals	Connector Approvals

UL RECOGNIZED

AGENCY ONLINE DOCUMENTS	http://www.globtek.info/certs/USB%20cables/
RoHS/RoHS3 Declaration	https://www.globtek.com/pdf/rohs_cert/01t3a000005gvycAAA
REACH Declaration	https://www.globtek.com/pdf/iso_certificates/REACH.pdf
Conflict Minerals Declaration	https://www.globtek.com/pdf/conflict-minerals.pdf
Prop 65 Statement	https://en.globtek.com/prop-65-statement.pdf
CE.UKCA.Cord	https://globtek.secure.force.com/spec/ec_decl_product_model_family_incl_cord?id=01t3a000005gvyc

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	Model No. Low voltage cable	
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IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.

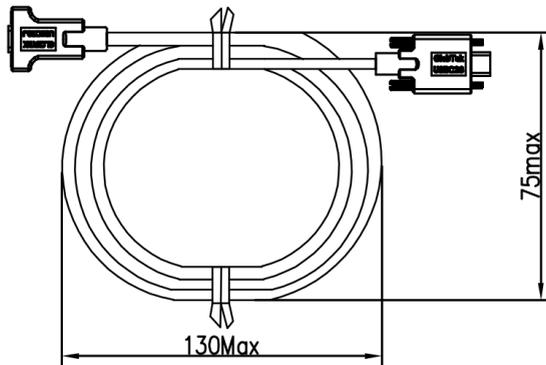| GlobTek, Inc. www.globtek.com 186 Veterans Drive, Northvale, NJ 07647	Drawing Title: USB TYPE C JACK WITH, USB 3.0, 3.1, INLINE CABLE MOUNT & for panel mounting, MOLD USB00026 compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED) to USB C MALE 3.1 - USB Type-C plug connector with dual locking screws compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED), GT Cable #(30AWG*1P+EAM)*4: (30AWG*1P+EAM)*4+(30AWG*1P+AM)+(32AWG*1C+AL)*4+24AWG*2C+AEB (YUE YANG:SP-680-02) Type C GEN2 / 16+shield Conductors, 5.5mm OD, 80 Deg.C, , 2000±25mmGlobTek Black	
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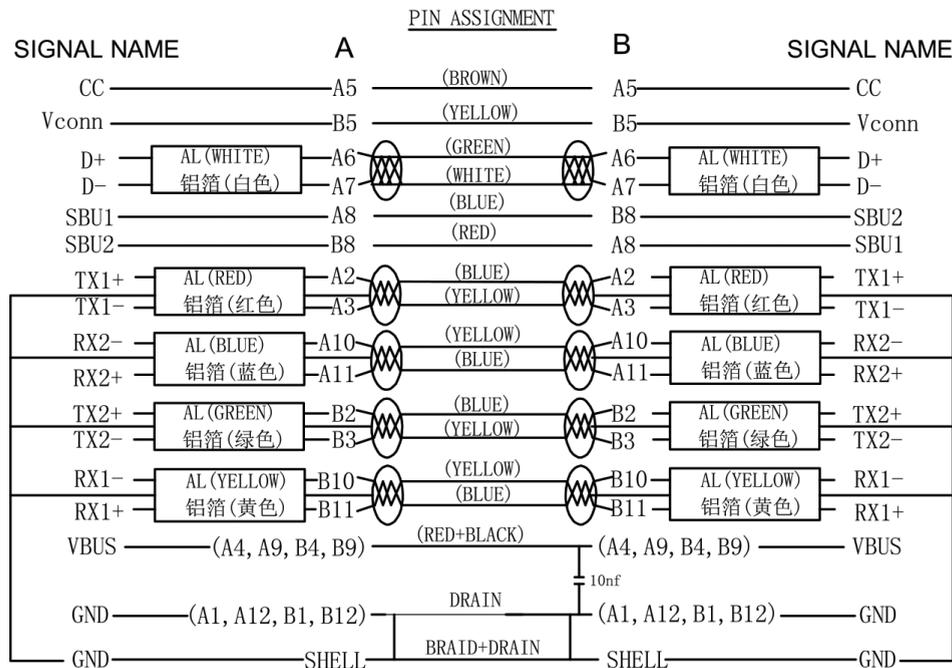
Hanking:USBC2SIL-MUSBC2SWBK

Description:Coiled; secured with twist tie

Image:

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Northvale, NJ 07647
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Notes/Modifications/Customizations (notes in this section supersede the values shown in the standard spec):

PIN ASSIGNMENT

SIGNAL NAME	A		B	SIGNAL NAME
CC	A5	(BROWN)	A5	CC
Vconn	B5	(YELLOW)	B5	Vconn
D+	A6	(GREEN)	A6	D+
D−	A7	(WHITE)	A7	D−
SBU1	A8	(BLUE)	B8	SBU2
SBU2	B8	(RED)	A8	SBU1
TX1+	A2	(BLUE)	A2	TX1+
TX1−	A3	(YELLOW)	A3	TX1−
RX2−	A10	(YELLOW)	A10	RX2−
RX2+	A11	(BLUE)	A11	RX2+
TX2+	B2	(BLUE)	B2	TX2+
TX2−	B3	(YELLOW)	B3	TX2−
RX1−	B10	(YELLOW)	B10	RX1−
RX1+	B11	(BLUE)	B11	RX1+
VBUS	(A4, A9, B4, B9)	(RED+BLACK)	(A4, A9, B4, B9)	VBUS
GND	(A1, A12, B1, B12)	DRAIN	(A1, A12, B1, B12)	GND
GND	SHELL	BRAID+DRAIN	SHELL	GND

AL(WHITE) 铝箔(白色)
AL(RED) 铝箔(红色)
AL(BLUE) 铝箔(蓝色)
AL(GREEN) 铝箔(绿色)
AL(YELLOW) 铝箔(黄色)

10nf

This cable is rated 5A although USB PD products will only deliver a maximum of 3.0A due to lack of an E-marker (electronic marker)

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Detail Drawing of the Panel Mount USB Type C receptacle with 2 screws