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| | Model No. Low voltage cable | |
| | Part No./Ordering No. USBC1SW3MUSBC1SBKEM | 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 | jwarn | 02/17/2021 | JOHN |

Cordset Information:

CordsetColor:GlobTek Black
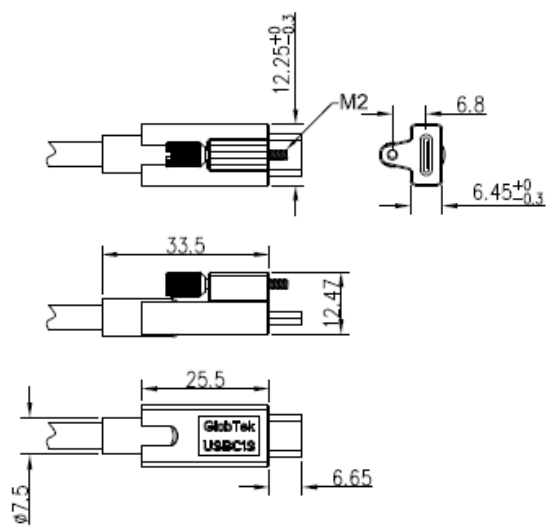
Cord Length (mm):3000

## NOTES:

Cord, Plug and Connector must be marked with approval symbols of file number(s)
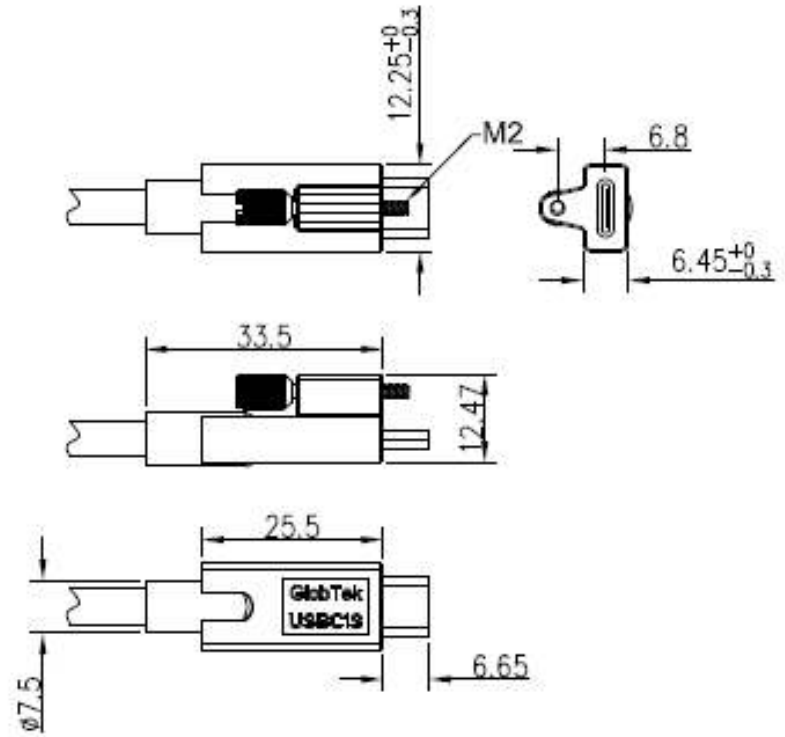
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END A

END B

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

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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

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compliant sink  (Load or user system).

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|---|---|---|
| | Model No. Low voltage cable | |
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| End A | Cable | End B |
|---|---|---|
| Code:USBCM3.1-Lock 1 screw<br>Description:USB C MALE 3.1 - USB Type-C plug connector with a single locking screw MOLD#USB00018 compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED)<br>Rating (V):30<br>Rating (A):5.0<br>Gender:Male<br>Overmolded:Yes | Code:UL2725 BK (32AWG*1P+AM)*4+32AWG*2C+32AWG*3C+24AWG*2C+AB OD:5.0<br>Description:GT Cable #UL2725 BK (32AWG*1P+AM)*4+32AWG*2C+32AWG*3C+24AWG*2C+AB OD:5.0: SEE CODE / 9 Conductors, 5.0mm OD, UL 2725, 80 Deg.C, 30V, , Approvals:<br>Color:GlobTek Black<br>Wire Gauge(AWG):SEE CODE<br>Cond:9<br>Type:UL 2725<br>Temperature:80° C<br>Amps:5<br>Volts:30<br>OD:5.0<br>ConductorsColors: | Code:USBCM3.1 1 screw EMARK<br>Description:USB C MALE 3.1 - USB Type-C plug connector with a single locking screw W/ EMARK MOLD#USB00018 compliant with Directive (EU) 2022/2380 and 2014/53/EU Radio Equipment Directive (RED)<br>Rating (V):30<br>Rating (A):5.0<br>Gender:Male<br>Overmolded:Yes |

Overall cable rating:5A/20V

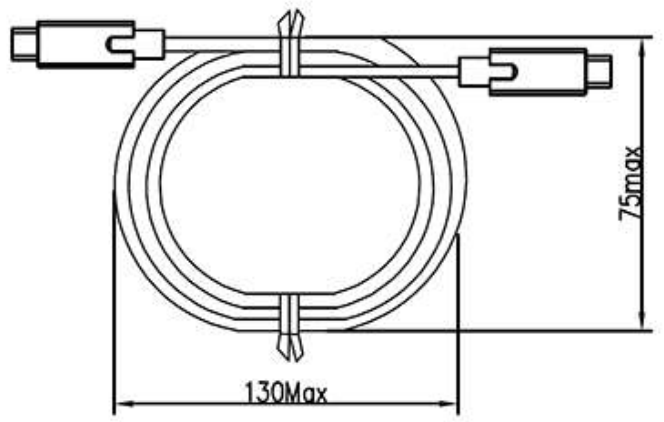| Plug Approvals | Cable Approvals | Connector Approvals |
|---|---|---|
| | UL RECOGNIZED | |

| AGENCY ONLINE DOCUMENTS | http://www.globtek.info/certs/USB%20cables/ |
|---|---|
| RoHS/RoHS3 Declaration | https://www.globtek.com/pdf/rohs_cert/01t3a000005D9WSAA0 |
| 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=01t3a000005D9WS |

IPXY rating is based on 3rd party testing and customers should check suitability and test system level IPXY rating before ordering.

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Hanking:130 COIL USBC
Description:130.0 MAX
Image:

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

If system load requirement exceeds 2A, VBUS may drop by 5% or more. The VBUS undervoltage detection threshold may need to be increased to accommodate cable voltage drop. Please check your controller's default setting and adjust accordingly.

PIN ASSIGNMENT

| A | | B | Color |
|---|---|---|---|
| E-MARKER | | | |
| A5 | 32AWG (BLACK) | A5 | 黑 |
| B5 | 32AWG (GRAY) | B5 | 白 |
| A6 | 32AWG (RED) | A6 | 红 |
| A7 | 32AWG (GRAY) | A7 | 灰 |
| A8 | 32AWG (PURPLE) | B8 | 紫 |
| B8 | 32AWG (YELLOW) | A8 | 黄 |
| A2 | 32AWG (GREEN) | B11 | 绿 |
| A3 | 32AWG (WHITE) | B10 | 白 |
| A10 | 32AWG (BROWN) | B3 | 综 |
| A11 | 32AWG (WHITE) | B2 | 白 |
| B2 | 32AWG (ORANGE) | A11 | 橙 |
| B3 | 32AWG (WHITE) | A10 | 白 |
| B10 | 32AWG (BLUE) | A3 | 蓝 |
| B11 | 32AWG (WHITE) | A2 | 白 |
| V (A4, A9, B4, B9) 10nf | 24AWG (RED) | V (A4, A9, B4, B9) 10nf | 红 |
| GND (A1, A12, B1, B12) | 24AWG (BLACK) +D | GND (A1, A12, B1, B12) | 黑+地线 |
| SHELL | BRAID | SHELL | 编织 |

PROPRIETARY INFORMATION

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