



## C-U32/FF

USB 3.2 GEN-2 Full Featured USB-C (M) to  
USB-C (M) Cable

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C-U32/FF is a USB-C(M) to USB-C(M), USB 3.2 Gen-2 SuperSpeed+ cable offering a whole new level of reliable connectivity thanks to kramer's unique K-lock. Transfer Video 4K@60 data at incredible speeds (10G), charge other devices (100W), and even power mobile devices – all with just one passive cable.

C-U32/FF offers throughput of up to 10Gbps when used with a USB 3.2 host and device. The symmetrical, low profile USB Type-C connector, with the integrated K-Lock mechanism, can be plugged in any direction, thus eliminating the frustration of getting the port insertion just right

## FEATURES

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**Quality Construction** - High-quality shielded twisted pair (STP) construction helps prevent electromagnetic interference and ensures reliable data communication

**Reversible USB Type-C Connector** with integrated locking mechanism

**Transfer Rates** - Up to 10Gbps

**100W power** (5A, 20V)

**PC, Mac & Mobile Compatible**

**Plug and Play** - For monitors, Web cameras, printers, scanners, keyboards and other digital devices

**USB Backward Compatibility** - 1.0, 1.1, 2.0 and 3.0

**Logo on mold as orientation mark** - See the [Why USB-C Is More Than Just a Connector: Understanding Directionality](#) article in the Resources tab

**RoHS REACH Compliant**



## TECHNICAL SPECIFICATIONS

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| OVERALL              | Type: USB 3.2 GEN-2<br>Video 4K@60 4:4:4 (DP Alt Mode)<br>Max. Data Rate: 10Gbps<br>ETH Support: 10/100/1000 Mbps                                                                                                                                                  |
| PHYSICAL             | Connector A: USB Type-C Male Nickel plated K-Lock connector with gold pins<br>Connector A Length x Width x Height: 23x12x8mm<br>Connector B: USB Type-C Male Nickel plated K-Lock connector with gold pins<br>Connector B Length x Width x Height: 23x12x8mm       |
| CONDUCTORS           | Tinned Copper/Bare Copper<br>24/30/32AWG                                                                                                                                                                                                                           |
| SCREENING            | Triple shielding (Aluminum-Mylar foil with braid)                                                                                                                                                                                                                  |
| JACKET               | Material: PVC<br>Color: Black<br>Diameter 4.8mm $\pm$ 0.2mm<br>Bending Radius: 25.4mm                                                                                                                                                                              |
| ELECTRICAL           | Temperature Rating: 80°C<br>Voltage Rating: 30V<br>Conductor Resistance – 32AWG: 588 $\Omega$ /km MAX. at 20°C (68°F)<br>Conductor Resistance – 30AWG: 376 $\Omega$ /km MAX. at 20°C (68°F)<br>Conductor Resistance – 24AWG: 94.2 $\Omega$ /km MAX. at 20°C (68°F) |
| STANDARDS COMPLIANCE | Safety: CE, FCC<br>Flammability Rating: VW-1                                                                                                                                                                                                                       |



#### CONFIGURATIONS

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| C-U32/FF-3 | USB 3.2 GEN-2 Full Featured USB-C (M) to USB-C (M) Cable: Passive Cable Length — 3ft (0.9m) |
| C-U32/FF-6 | USB 3.2 GEN-2 Full Featured USB-C (M) to USB-C (M): Passive Cable Length — 6ft (1.8m)       |

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