



# USB 4.0 / 3.2 Gen2 Internal to External Cable – Key B 20M Series



**Product Description** | *The Key B 20M Series is a high-performance USB 4.0 / 3.2 Gen2 cable for connecting internal motherboard headers to front panel USB ports.*

**Product Features**

**Ultra-Thin**  
1.25mm

**High Speed**  
Up to 10Gbps (Type-A) or  
Type-C (patented design)

**Certifications**  
Patented in multiple  
countries

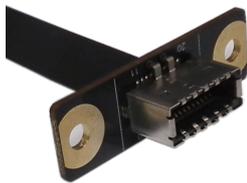
HALOGEN  
FREE



1M



Key B 20 M



Key A 20F



Type C 24M ( HOST)



3.1C24F



U3 A9F



U3 A9M



U3 A9F with EAR



U3 A9F Dual with EARs



Ultra Slim , W25 H11.6 L14mm  
USB3.0 20F R/A 90°

## Specifications

| Item               | Description   |
|--------------------|---|
| Product Name       | KB20M Series – USB 4.0 / 3.2 Gen2 Internal to External Cable                    |
| Connector Type     | Key B 20M (Male) to Type A / C / U3 / C24M / Dual or Slim Type Connectors       |
| USB Version        | USB 4.0 / USB 3.2 Gen2 x2   |
| Cable Thickness    | 1.25 mm (Ultra-Thin)  |
| Cable Length       | Up to 100 cm  |
| Bendability        | 180° bendable without impedance impact  |
| Transmission Speed | Up to 10 Gbps (per port) for Type-A or patented Type-C                          |
| Power Output       | Supports 3A / 5V (Compliant with Intel Specification)                           |
| Certifications     | Patented in multiple countries  |
| Applications       | For M/B internal header to front panel expansion (Type-A dual or Type-C single) |
| Special Design     | Supports high current, slim profile, screw-locks, and dual output variants      |

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## Connector Type Reference

| Model No.     | Connector → Connector                                       |
|---------------|---|
| 5G20D69-1xxxx | Key B 20M → KA20F(Gen2 10G)                                 |
| 5G20A42-1xxxx | Key B 20M → U3 A9F Dual w/ EARs                             |
| 5G20A26-1xxxx | Key B20M *2→ Key B 20M *2 (13P,High current dual cable)     |
| 5G20A36-1xxxx | Key B20M *2→ Key B 20M *2 (21P,Slim type dual cable)        |
| 5G20D14-1xxxx | Key B20M → U3A9M*2 (Gen2 10G)                               |
| 5G20D24-1xxxx | Key B20M → U3A9M*1 (Gen2 10G)                               |
| 5G20D15-1xxxx | Key B20M → U3A9M*2 (Gen2 10G)                               |
| 5G20D25-1xxxx | Key B20M → U3A9M*1 (Gen2 10G)                               |
| 5G20A40-1xxxx | Key B20M → U3 Int 20F R/A 90° H=14mm (Slim type dual cable) |
| 5G24D21-1xxxx | Key B20M → C24M *2(Gen2 10G)                                |
| 5G24D31-1xxxx | Key B20M → C24M *1(Gen2 10G)                                |
| 5G20A20-1xxxx | Key B 20M → Ears+U3 A9F *2 (Gen 2)                          |
| 5G20A21-1xxxx | Key B 20M → Ears+U3 A9F *1(Gen 2)                           |
| 5G20A19-1xxxx | Key B20M → U3 int 20F (13P,High current dual cable)         |
| 5G20D19-1xxxx | Key B20M → U3 int 20F (21P,Slim type dual cable)            |
| 5G20A41-1xxxx | Key B20M → 3.1C24 Up site(Gen.2 10G)/ Up site(Gen.2 10G)    |

*(Invention Patent LOW COST)*