Model : ATZ USB4-MM-xxM (xx=Length:1/1.5/2/3)

Description: USB4 Gen 3x2 Type-C Male/Male Cable w/EMARK, 40GB Data Charging 240W 5A/ 8K@60Hz (1m/1.5m/2m/3m)

Future-proof your connectivity using USB4 cable, to support the latest USB4 standard. Connect this cable with USB4 devices to hosts, to achieve data transfer rates of up to 40Gbps; this USB-C cable is also fully backward compatible with USB-C 3.2, 3.1, and 2.0 speeds and devices, and supports USB-C features such as DisplayPort Alt Mode (DP Alt Mode) and USB Power Delivery (USB-PD), while fully compatible with iPad Pro and MacBook Pro Thunderbolt 3 / 4.

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Features:

【**Compatibility**】USB4 Gen 2x2/3x2 supports up to 40Gbps High-speed data transfer rate/ 240W Charging power, compatible with Thunderbolt 3 / 4.
Backwards compatible to USB 3.2, 3.1, 3.0, 2.0 for charging and sync data.

【**Robust build**】Strong Aluminium casing cover, Nickel plating connector; with superior construction combining molded durable strain relief & nylon braided over cable for added protection and durability.

【**PD 240W/5A fast charge**】Build-in Smart E-marker chip automatically detects the device connected and provides optimized outputs with current safety /max charge at 5A capability. Support Extended Power Range (EPR) for up to 240W of max power (28V/36V/48V at 5A), entirely meet 15W,30W,45W,65W,87W with Quick charge 4.0/3.0 fast charging; based on Power Delivery (PD3.1).

【**40Gbps SuperSpeed+**】Supports Super-fast SuperSpeed+ data transfer rate of up to 40Gbps for Thunderbolt 3 & 4 or USB Type-C devices like Ethernet adapter, USB HUB, Docking Station, eGPU, PCIe, Samsung Portable SSD X5 T7; Razer Core and Windows DELL XPS15, Alienware17r4, Lenovo ThinkPad, Pixelbook, Mac book pro15/17/18,Surface Pro etc.

【**8K Ultra HD Video Output**】Supports up to Dual screen at 4K×2K@60Hz or Single screen at 8K@60Hz 5K@60Hz video bandwidth..
Note:
The video function will only work for Thunderbolt 3 & 4 and devices with USB-C ports that supports DisplayPort(DP) Alt Mode. 2018 iPad Pro does NOT support video output.

Compatible with Thunderbolt 3 / 4 and USB-C enabled devices like:
MacBook Pro 2020 16"
MacBook Pro (2019/2018/2017/2016) 15.4"
MacBook Pro (13-inch, 2019, Four Thunderbolt 3 Ports)
MacBook Pro (13-inch, 2018, Two Thunderbolt 3 Ports)
MacBook Pro (13-inch, 2017, Four Thunderbolt 3 Ports)
MacBook Pro (13-inch, 2017, Two Thunderbolt 3 Ports)
MacBook Pro (13-inch, 2016, Four Thunderbolt 3 Ports)
MacBook Pro (13-inch, 2016, Two Thunderbolt 3 Ports)
MacBook Air 2020/2019/2018, iMac Late 2017, 2018, Mac Pro,iPad Pro 2020,2021,Pro Display XDR, Nintendo Switch, Samsung T5 Portable SSD, SanDisk External SSD,
Dell XPS13, XPS15, HP Spectre, Lenovo Legion Y720, IdeaPad Y900, Miix 720, Thinkpad P50/70, Samsung galaxy Book NP900x5N, Notebook Odyssey, Notebook 9in 15in,
LG Gram 15Z970, Intel NUC6i7KYK, NUC7i5BNH, Sony VAIO S11,mbook Pixel, Dell XPS 13 15,Inspiron 5000,Inspiron 7000, Lenovo ThinkPad X270, HP Envy x360,Pavilion x360,Spectre x360 and other devices.

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Note:
* For Quick charge capability, original USB-C port charger or high quality charger is recommended, which supports QC 4.0/3.0 and USB PD fast charging.

Specifications:

- Built-in USB C "E-Marker" chip optimizes up to 48V/5A, 240W PD fast charging
- Cable Rating: USB4 Gen3x2/ Gen2x2
- Cable type: 22AWG
- Cable Material: Nylon Mesh braiding over PVC 45P
- Connector 1: USB4 Type-C Male w/Tinplate + E-marker
- Connector 2: USB4 Type-C Male w/Tinplate
- Connector: Nickel plated brass
- Shell material: Grey Aluminium alloy
- Cable colour: Black
- Strain relief: Designed to withstand up to 50,000 bends
- Support SuperSpeed+ 40Gbps data transfer rate
- Supports video 8K@60Hz resolutions.
- Supports Audio and Video Synchronous transmission
- Length: 1M/1.5M/2M/3M

Electrical Test:
1.100% OPEN SHORT MIS WIRE TEST
2.CONTACT RESISTANCE:3 OHM MAX
3.INSULATION RESISTANCE:5M OHM MIN
4.HI-POT TEST:DC 300V/10ms
5.PASS 40G 240W 8K@60HZ TES

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Charging 240W 5A/ 8K@60Hz (1m/1.5m/2m/3m)
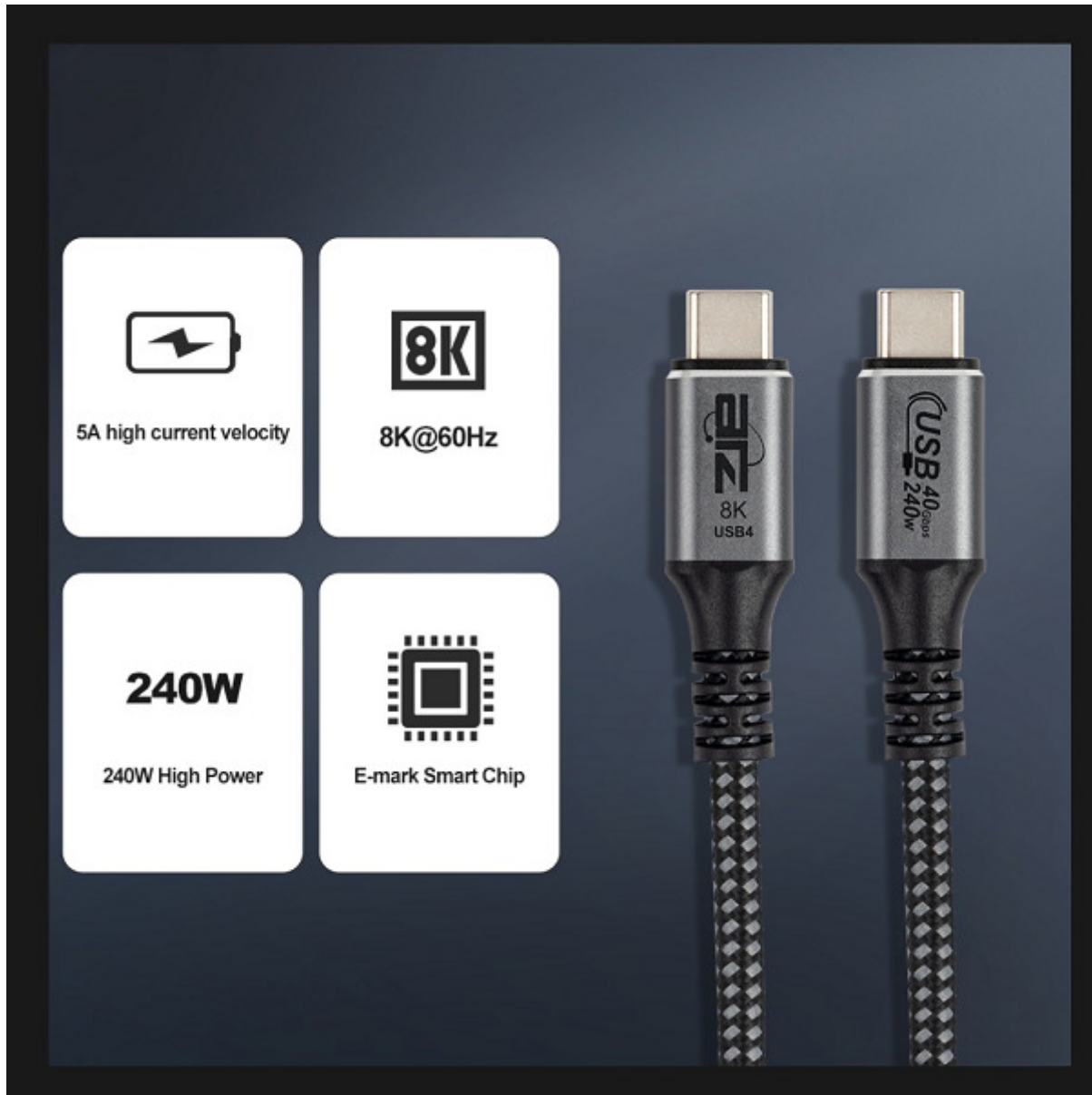
Package Includes:
1x USB4 USB Type-C Male to Male cable

Model **:** ATZ USB4-MM-xxM (xx=Length:1/1.5/2/3)
Description: USB4 Gen 3x2 Type-C Male/Male Cable w/EMARK, 40GB Data
Charging 240W 5A/ 8K@60Hz (1m/1.5m/2m/3m)

Application Diagram:

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Charging 240W 5A/ 8K@60Hz (1m/1.5m/2m/3m)

Product Diagram:

PIN Assignment

P1		P2
VBUS		VBUS
A5		A5
B5		B5
A8		B8
B8		A8
A6		A6
A7		A7
A2		B11
A3		B10
G		G
B11		A2
B10		A3
G		G
B2		A11
B3		A10
G		G
A11		B2
A10		B3
G		G
GND		GND
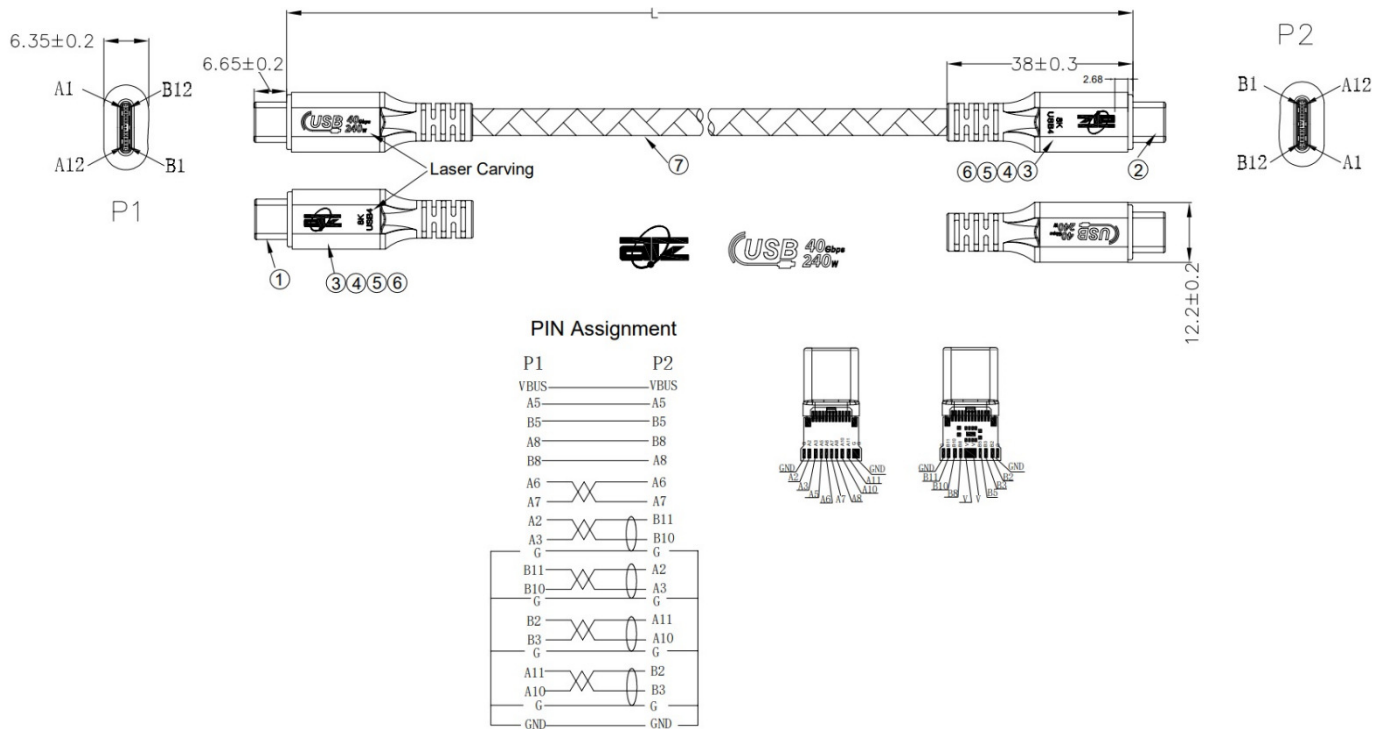
Warranty: 3 Years

Warranty is effective from the date of original delivery.
This warranty shall be void if a serial number has been removed from the product.