










USB 3.1 Type-C Cable Total Solutions

USB Connector Table



USB 3.1 / 3.0 / 2.0 Comparison

Specification	Section plan	USB Version	Speed	Current Rating
USB 3.1	 16C	Gen2	 10 Gbps (Coaxial Cable Required)	3~5A
		Gen1	 5 Gbps	3~5A
USB 3.0	 9C		 4.8 Gbps	900mA
USB 2.0	 4C		 480 Mbps	500mA

Automatic Coaxial Cable Assembly Capacity

Locked by the specific tooling and moved by the robotic arm for positioning, USB 3.1 cable is running automatic machining operation processing, laser cutting, wire stripping, wetting and soldering.

With top quality and best quantity according to standard operation procedure, We, Wanshih Electronic Co., Ltd. ensure our products meet the request and performance from the customer.





* The data sheet will follow USB-IF Org standard and adjust.

USB Org Standard Cables

[USB Type C Standard Cable Assemblies]

Plug1	Plug2	USB Version	Cable Length	Current Rating	E-Mark
C	C	USB 2.0	≦ 4M	3A/5A	3A (Optional) 5A (Required)
C	C	USB 3.1 Gen1	≦ 2M	3A/5A	Required
C	C	USB 3.1 Gen2	≦ 1M	3A/5A	Required

*USB-IF certified cable: C to C Gen2 5A. TID No. 5,200,000,185

[USB Type C Legacy Cable Assemblies]

Plug1	Plug2	USB Version	Cable Length	Current Rating	E-Mark
USB 2.0 Standard A	USB2.0 Type C	USB 2.0	≦ 4M	3A	N/A
USB 3.1 Standard A	USB Full-Featured Type C	USB 3.1 Gen2	≦ 1M	3A	N/A
USB 2.0 Type C	USB 2.0 Standard B	USB2.0	≦ 4M	3A	N/A
USB Full-Featured Type C	USB 3.1 Standard B	USB 3.1 Gen2	≦ 1M	3A	N/A
USB 2.0 Type C	USB 2.0 Mini B	USB 2.0	≦ 4M	500mA	N/A
USB 2.0 Type C	USB 2.0 Mirco B	USB 2.0	≦ 2M	3A	N/A
USB Full-Featured Type C	USB 3.1 Micro B	USB 3.1 Gen2	≦ 1M	3A	N/A

[USB Type-C Legacy Adapter Assemblies]

Plug1	Plug2	USB Version	Cable Length	Current Rating	E-Mark
USB 2.0 Type C	USB 2.0 PD Micro B	USB 2.0	≦ 0.15M	3A	N/A
USB Full-Featured Type C	USB 3.1 Standard A	USB 3.1 Gen1	≦ 0.15M	3A	N/A

Wanshih standard cable length | Standard and legacy type: 100cm
Adapter type : 15cm

Professional High Speed (Frequency) Cable Assembly Solutions

C to C



C to Open (OEM/ODM)



Adaptor



Dongle

