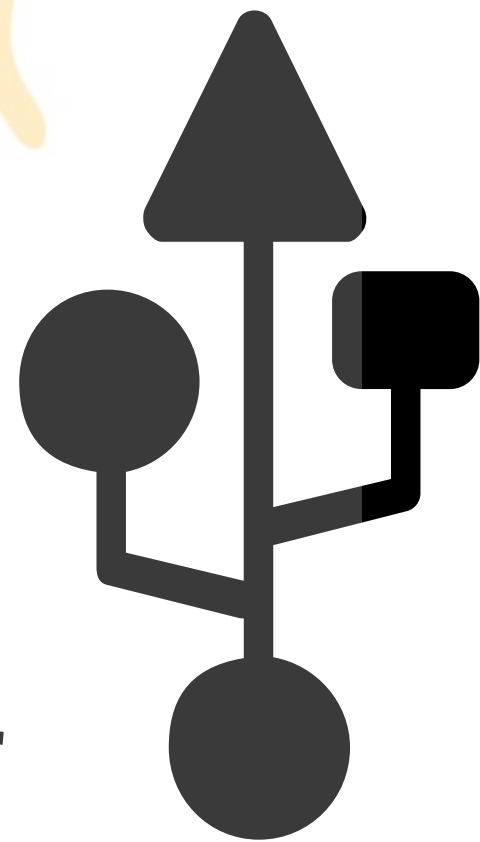


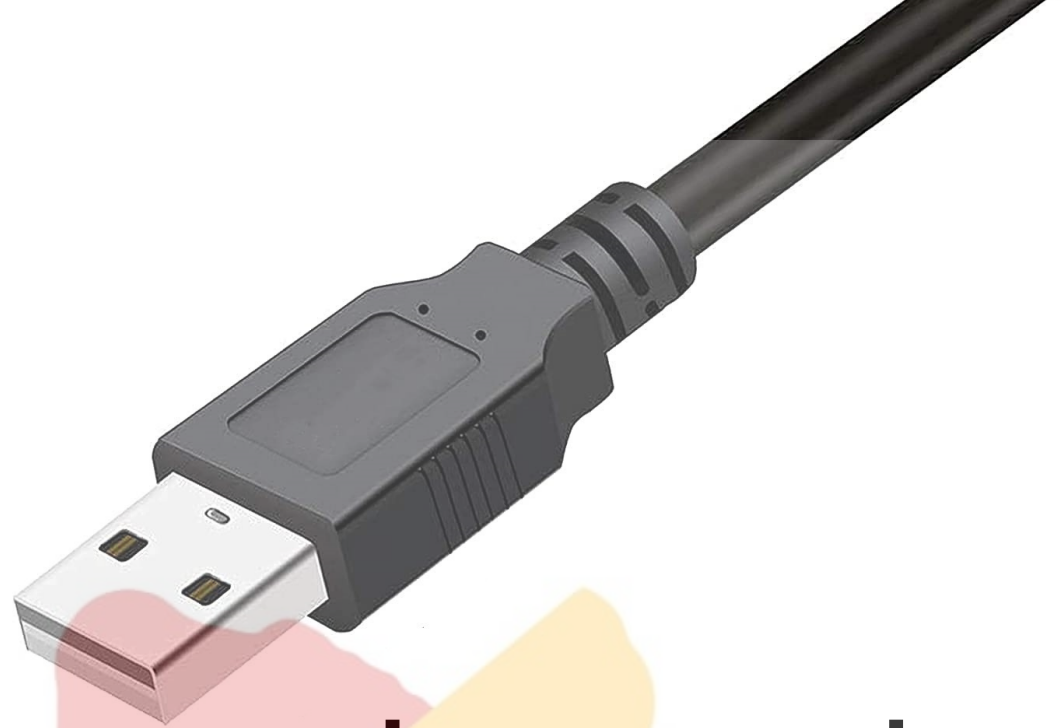
# USB

The full form of USB is Universal Serial Bus. USB is like a port through which other devices are connected to the computer. USB ports are present in the computer with the help of which, keyboard, mouse, printer etc. are connected to the hardware. Any device can be easily plugged and played through the USB port. It is not necessary to restart the computer in this. It is possible to transfer DATA to another device with the help of USB.



# USB

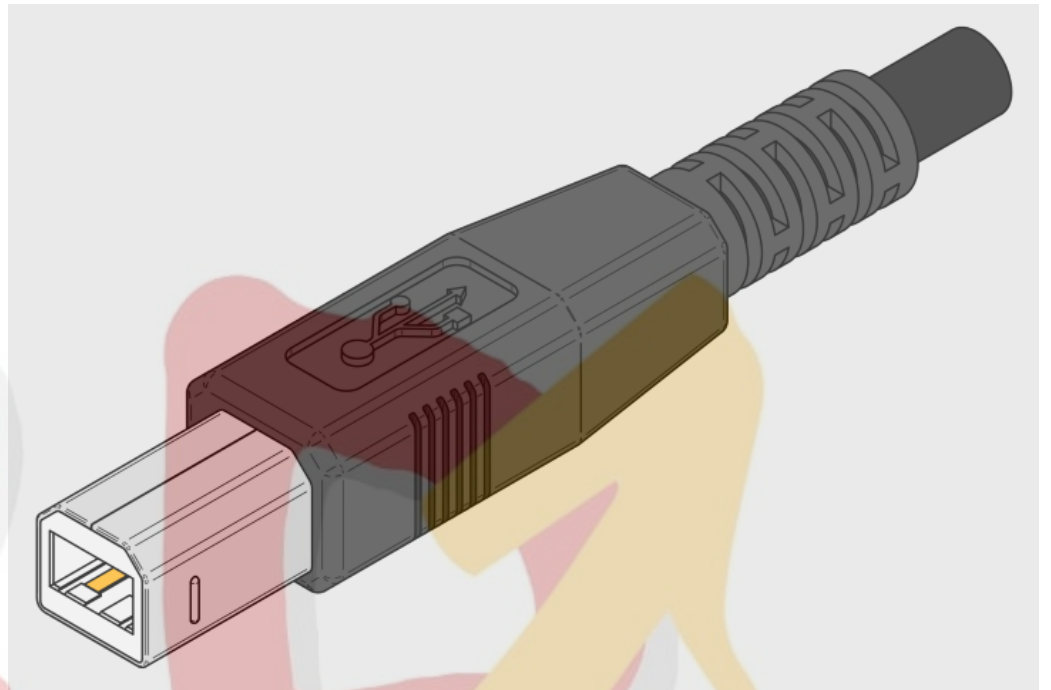
## Type - A :



**This is the most common and most used type of USB, which you get to see everywhere:**

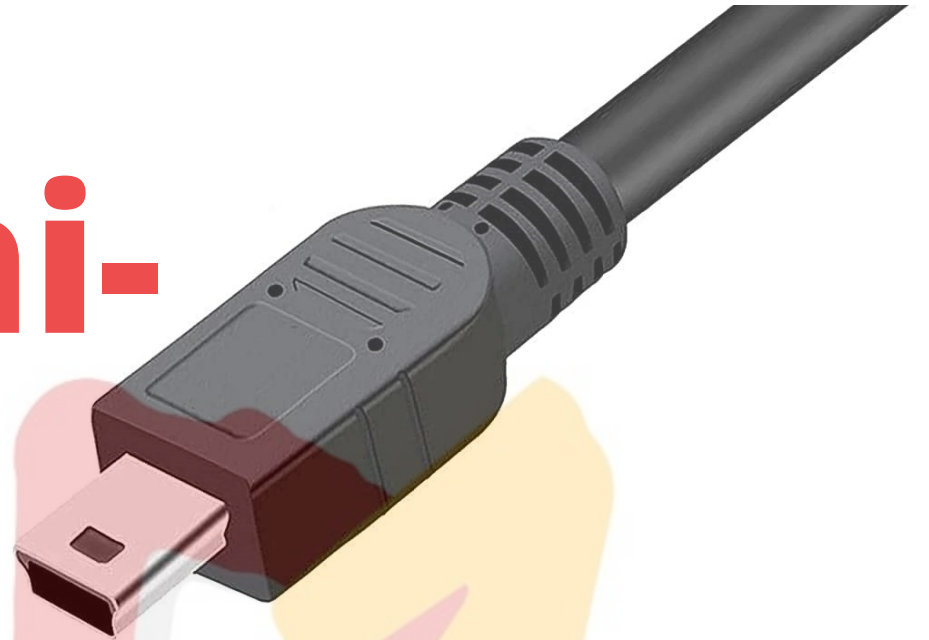
**Almost all cables have a type-A connector at one end, almost all peripherals (such as keyboards and mice) have a type-A connector, USB Type A is easily seen in charging, pen drives, personal computers. Many other devices and power adapters use the type-A port for data transfers and charging.**

# USB Type - B :



**It looks like an almost square connector, it is mainly used for printers and other powered devices which are connected with the computer. It is used very rarely as compared to Type-A.**

# Type-B Mini- USB:



**This was a standard connector type for mobile devices when there was no micro-USB type. As the name suggests, mini-USBs tend to be much smaller than regular USBs, and they are still used in some cameras that still use non-standard connectors.**

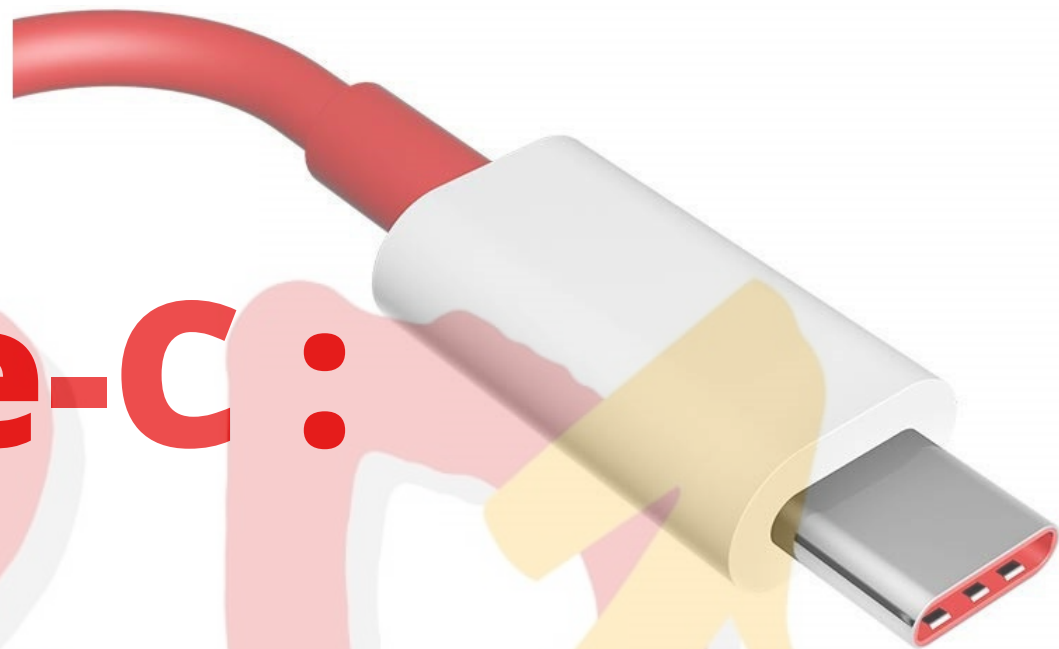
**Used to be.**

# Type -B Micro-USB:



**This is the standard USB cable used in today's mobile and other portable devices. It is being used by all the manufacturers but except Apple.**

# USB Type-C :



**This is a reversible cable means it can be connected to both the sides that allows for higher transfer rates and more power than previous USB types. Due to its excellent features, it is being used in almost all standard laptops, desktops, tablets and Smartphones**



# Lightning connector :

**This is Apple's own connector  
which is found only in Apple  
products like iPhone, iPad  
and iPods.**

# USB's Version a/c to their speed

**USB 1.0** - This is the initial version of USB which was launched in 1996. The speed of this USB version was 1.5 M

**USB 1.1** - The USB 1.1 version was released in the year 1998. The speed of this version was 12 Mb / s. This meant that it was possible to transfer data from this device at a higher speed.

**USB 2.0** - The data transfer rate of USB 2.0, launched in the year 2000, is 480 Mb/s. This version is the most used in computers.





**USB 3.0** – This version was released in the year 2008. The data transfer speed in this version is 5 Gb/s. Its port is blue in color to identify it.

**USB 3.1** – This version was released in the year 2013. The data transfer rate in this version is 10 Gb/s.

**USB 3.2** – The latest version of USB was released in the year 2017. The speed of this version is 20 Gb/s. This is the fastest version ever.