Cables, connectors and converters

Here you can find information about common and uncommon connectors used in the workshop and beyond and how to tidy up cables when finishing your work in the workshop.

- Cable management
- Connector types
- Converters, extenders and interfaces

Cable management

The standard way to roll-up cables with two examples to do it properly

Short example

https://www.youtube.com/embed/0yPcJD7RVuY

Longer example

https://www.youtube.com/embed/KHwPthJO5bo

step by step text and image (in dutch)

https://nl.wikihow.com/Een-snoer-oprollen#

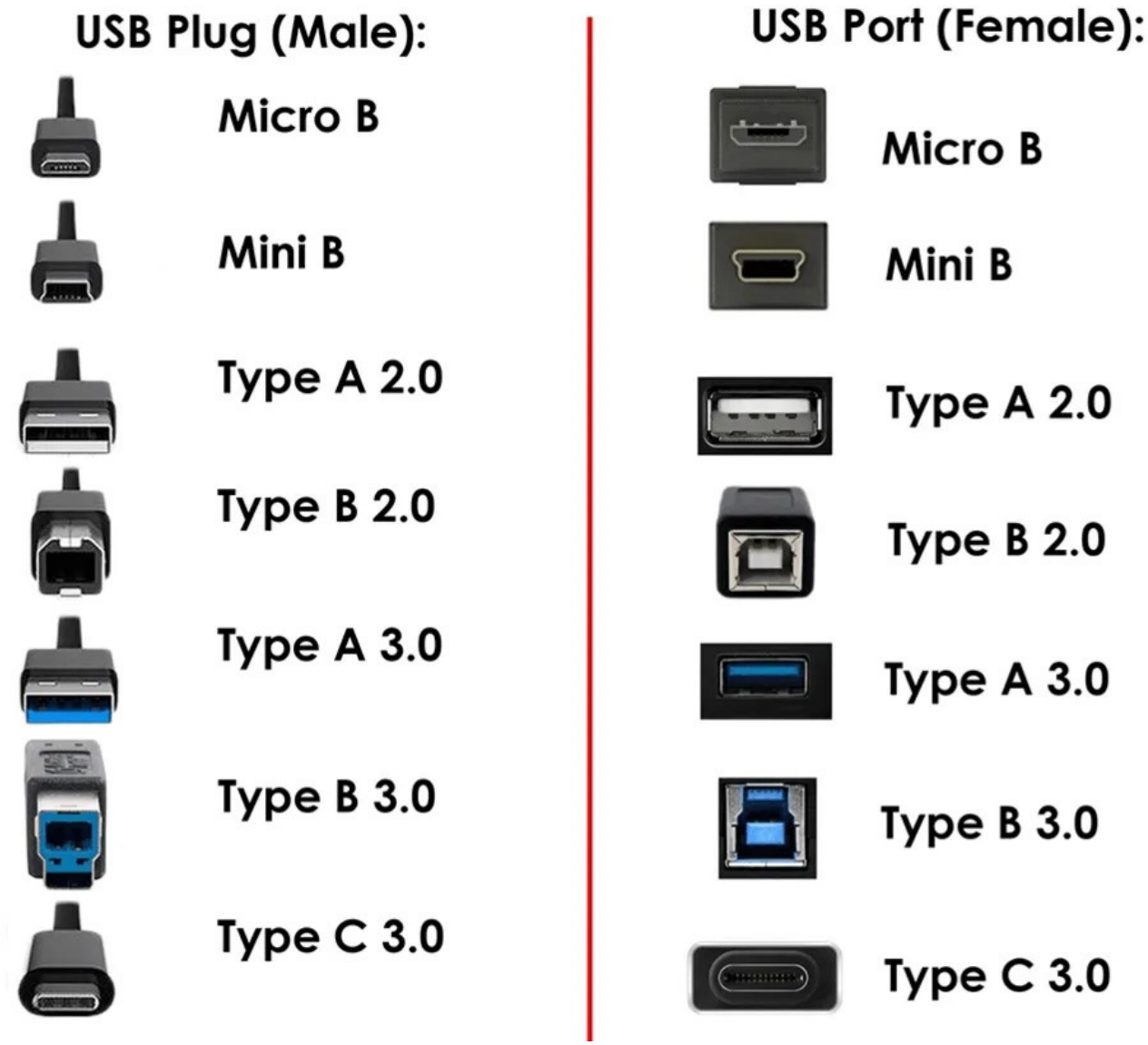
Connector types

This page gives an overview of different categories and types of connectors with a short description and links to resources with more detailed descriptions. Sometimes the same connectors can seen within different categories depending on the type of category.

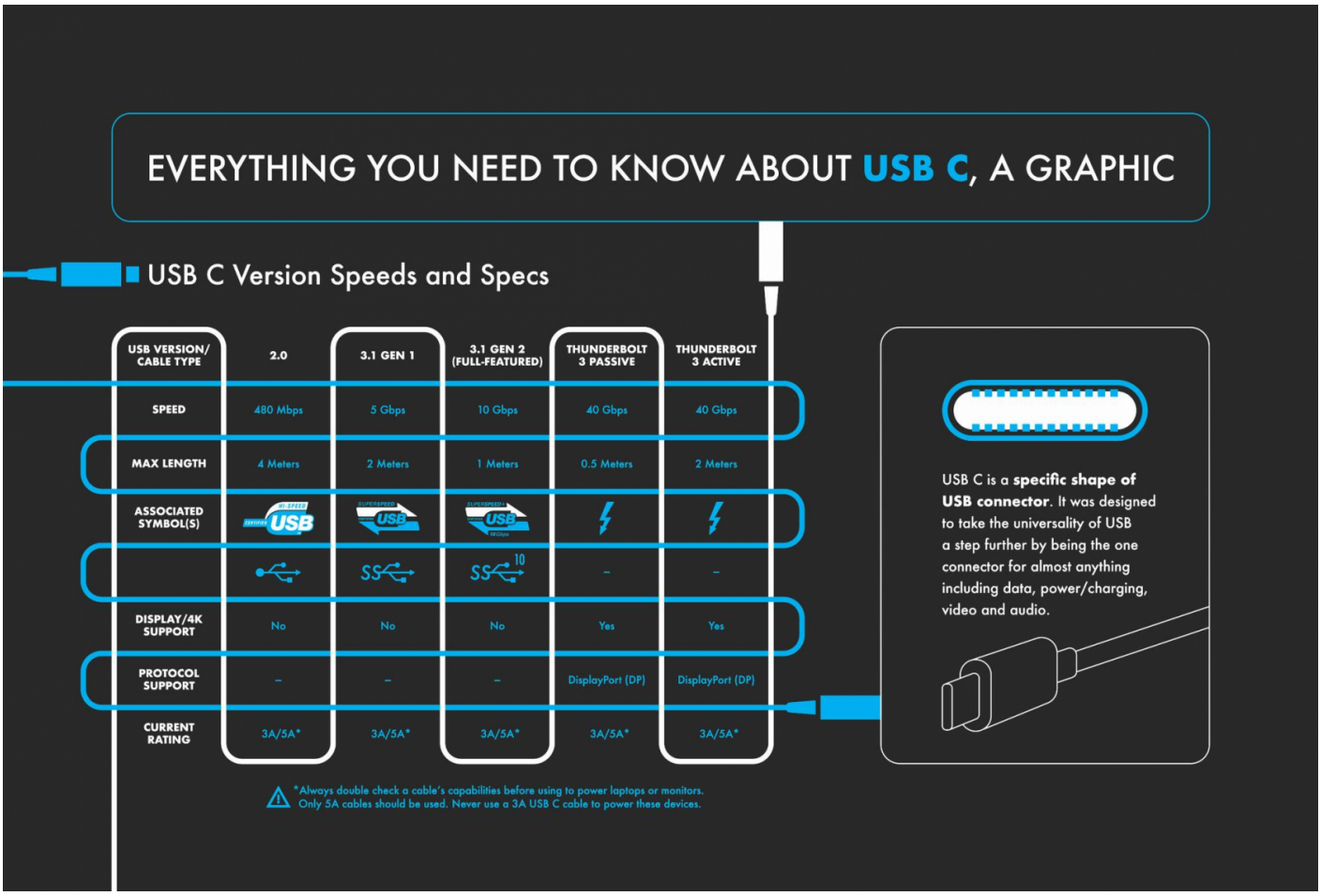
Power connectors

Resource: https://www.electronicconnectors.net/power-connectors/

USB connectors



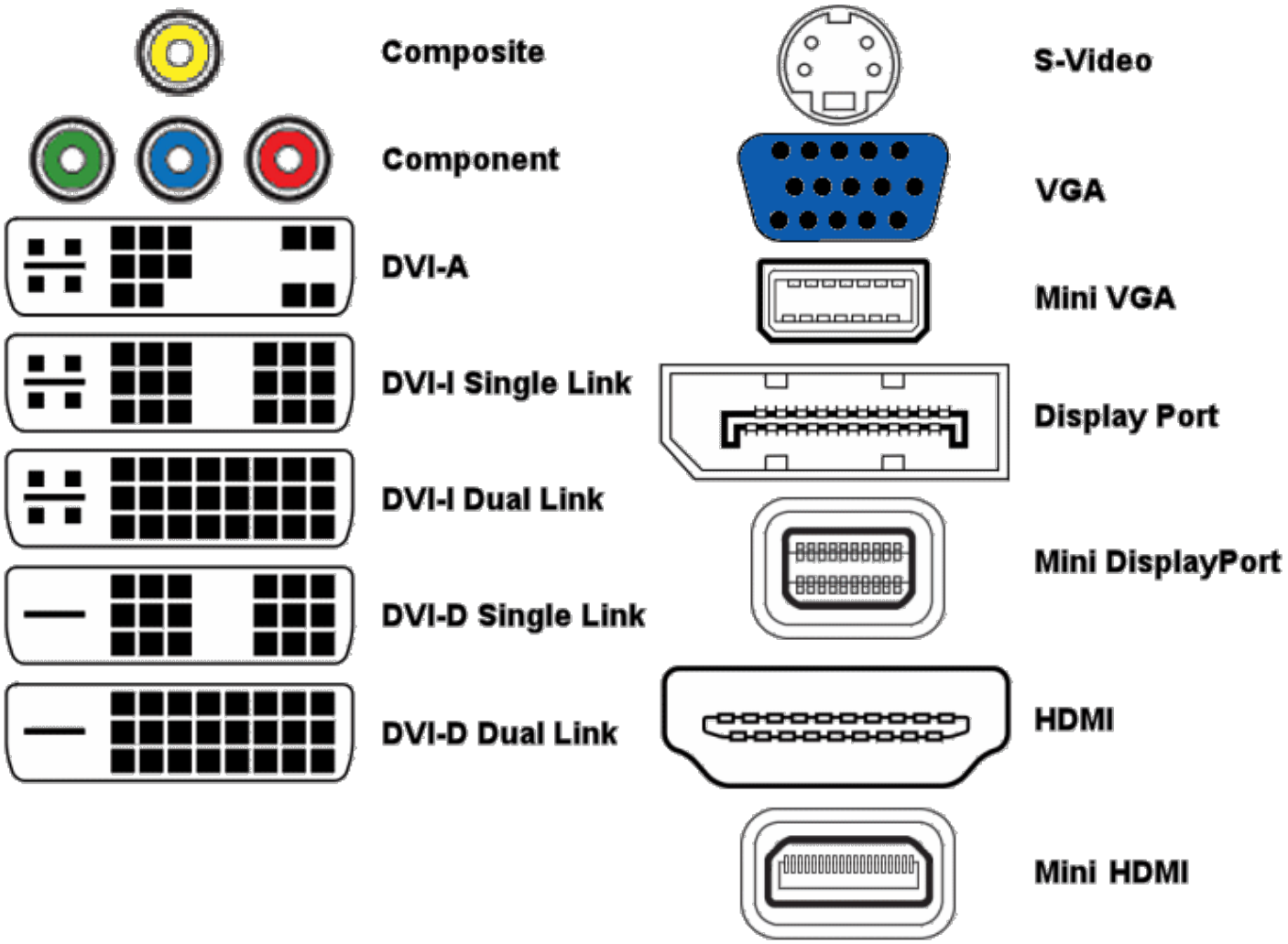
Resource: https://tvtropes.org/pmwiki/pmwiki.php/MediaNotes/UniversalSerialBus



Resource: Facebook

NOTE! If you are a HKU student or employe and need to test your USB-C cable? Contact the blackbox workshop @ blackbox.oudenoord@hku.nl

Video connectors

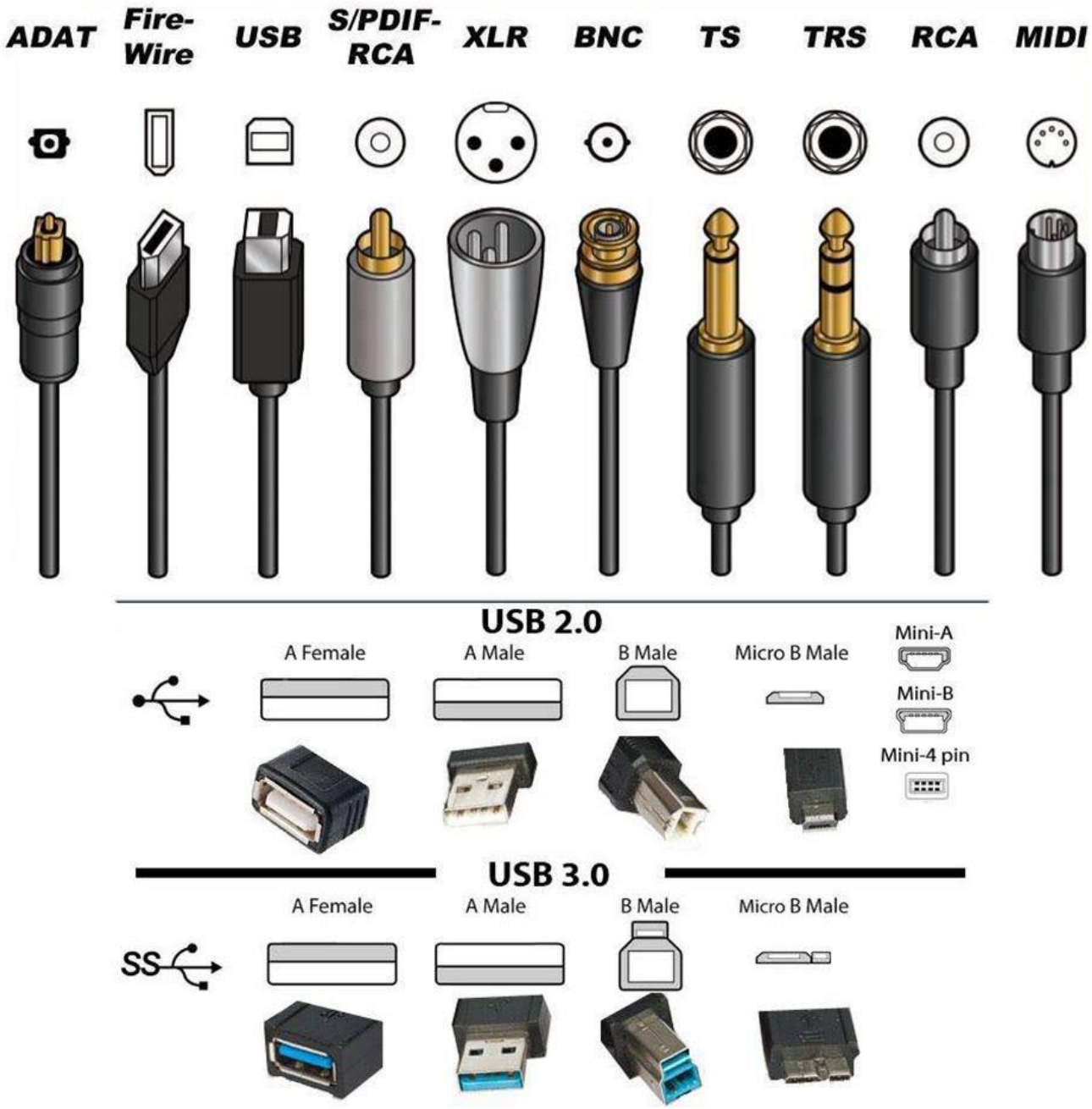


Resource: https://www.diyaudioandvideo.com/TV/WireCableConversions/

What is HDMI?

https://www.eaton.com/us/en-us/products/backup-power-ups-surge-it-power-distribution/backup-power-ups-it-power-distribution-resources/cpdi-vertical-marketing/hdmi-explained.html

Audio connectors



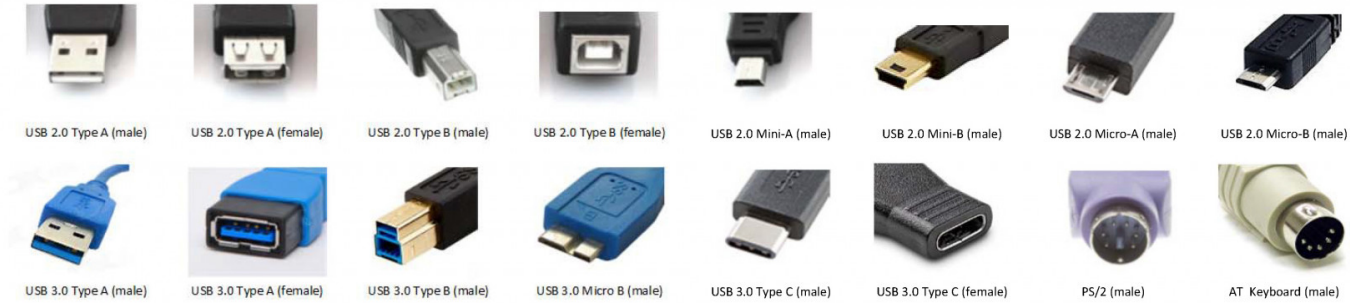
Computer connectors

NOTE! Click to enlarge image and text

Ultimate Chart of Computer Connectors and Ports

Updated for 2020

USB, Keyboard and Mouse



Storage / Disk

Network / Communications

Audio

Video

Power

Resource: https://www.prrcomputers.com/blog/ultimate-connectors-chart/

Converters, extenders and interfaces

A list of useful devices for converting signals

Video

Dell D3100 and D6000 docking station

The Dell Docking Station allows you to connect your laptop to up to three additional monitors (you need to install the Displaylink software), various external devices and the Internet with just one cable.

info: https://www.dell.com/nl-nl/shop/dell-dockingstation-usb-30-d3100/apd/452-bbot/docks-and-stands

available in the blackbox workshop and 'HKU uitleen':