

HOME



USB-C RESOURCE CENTER

For Apple Premium Resellers



USB-C Overview

With new technology comes new challenges and USB-C, also known as USB Type-C, is no exception.

Learn about highest grade cable reliability and safest cables on the market.

So what exactly is USB-C?

[LEARN MORE](#)

USB 3.1 SUPERSPEED+ : THE NEXT EVOLUTION

The new USB-C connector has been adopted by Apple with their new MacBook. Along with the new connector and port combination, there is a new standard called USB 3.1 SuperSpeed+. USB-C cables comply with European regulations calling for a universal connector for charging mobile phones. This means that soon, almost everything, everywhere, will be powered, charged and connected by USB-C cables.

The new USB-C (AKA USB Type-C) connector is a new size and shape, and is easier to use than previous USB cables. The reversible design lets you plug in your device in any direction, so you never have to worry

about plugging in your cable incorrectly. This will allow manufacturers to design devices that are thinner and lighter than ever before.

As the new USB-C port is adopted by Apple, the need for new USB 3.1 SuperSpeed+ cables will grow.



This means that soon, almost everything, everywhere, will be powered, charged and connected by USB-C cables.

What makes USB 3.1 SuperSpeed+ technology so amazing is that it can do a multitude of things:



FASTER SPEEDS

Transfer data at faster speed (up to 10 Gbps).
USB-C: faster speeds, more power, better quality.



SMALLER-CONNECTOR

USB-C is smaller than its predecessors, which means USB-C devices like MacBooks will likely be thinner and lighter.



BETTER QUALITY

Deliver high quality audio and video (4K/UltraHD).



MUSIC

Fast enough to transfer a year's worth of music in 10 minutes.



MOVIES

Transfer an entire HD movie in 30 seconds.

HOME

QUALITY MATTERS: WHY A BELKIN USB-C CABLE?

LEARN MORE



USB-C CABLE FINDER
CLICK TO START

WHICH USB-C CABLE DO YOU NEED?

To make the most of your new USB-C device, you'll need the right cable.
We've got you covered.

USB-C



USB 2.0



USB 3.0



MICRO USB



MICRO-B



MINI-B



USB-B



LIGHTNING



30-PIN



USB-C RESOURCE CENTER

For Apple Premium Resellers



WHAT IS USB-C?

USB-C, also known as Type-C, is the latest connector developed by the USB Implementers' Forum (USB-IF), a group of industry leaders within the consumer electronics community, such as Apple, Intel, Dell, and Belkin. As many of the world's most recognized manufacturers are supporting this new technology, it is likely to be widely adopted. With such support, USB-C will gradually replace previous USB types, including USB-A, USB-B and USB Mini-B. Plus, as future devices are equipped with the new USB-C port, which is smaller than its predecessors, it's likely these devices will also be thinner and lighter than ever before.

With so much to offer, USB-C is good news for consumers.



PERFORMS BETTER

Like most new technology, it's an improvement on what came before - but we'll get to that in a minute (next section).



EASIER TO USE

It's been developed to be simpler to use, meaning no more moments of: "which way does it go?" "am I putting it in the right port?" "is it upside-down?"



HERE TO STAY

The cable of tomorrow is here today, and with such widespread support across the industry, the days of throwing your cable out every time you get a new device are over.



UNIVERSAL

All the major tech companies including Apple are embracing USB-C, which means one day your mobile devices will be able to share accessories.

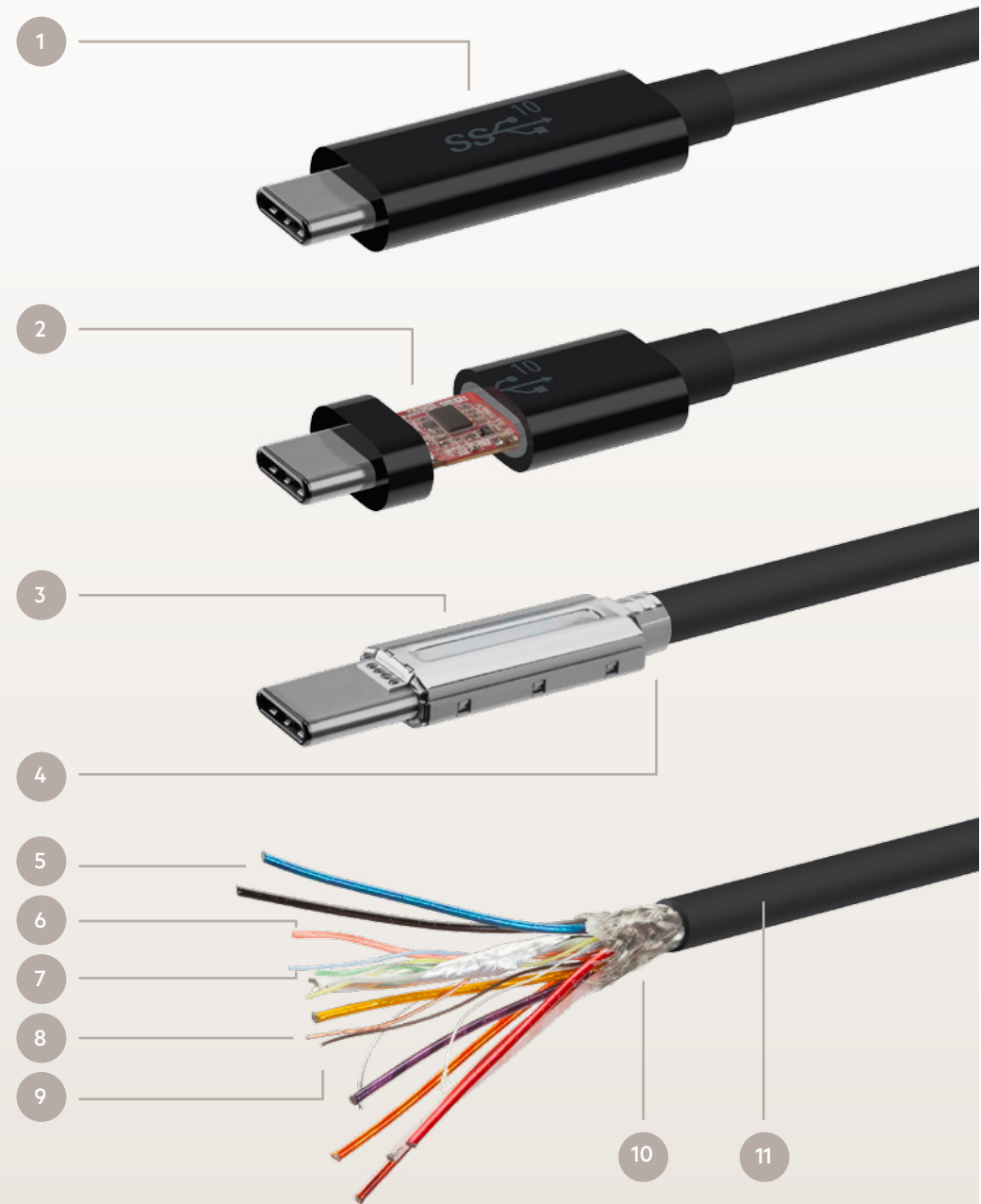


MORE POWER

Power and charge devices such as MacBooks very quickly (up to 100 watts and 3 Amps of power). USB-C: faster speeds, more power, better quality.

SUPERIOR USB-C CABLE CONSTRUCTION

1. Durable Polycarbonate connector housing with SS10 logo indicating full USB-IF compliance
2. Electronic Marker Identification, authentication, and Power Delivery management circuit
3. Precision welded metal shield to protect PCB and E Marker (also minimizes radiated emissions levels and provides additional mechanical strength)
4. 'Crimp' locks metal shield in place for optimal mechanical structure and shielding
5. Micro Co-axial superspeed conductors for 10Gbps data transfer
6. 3Amp power conductor
7. Power Delivery Communication line
8. Data communication line
9. 'Sideband' lines for alternate mode audio/visual applications
10. Cable braid Shield
11. Flexible TPE cable jacket

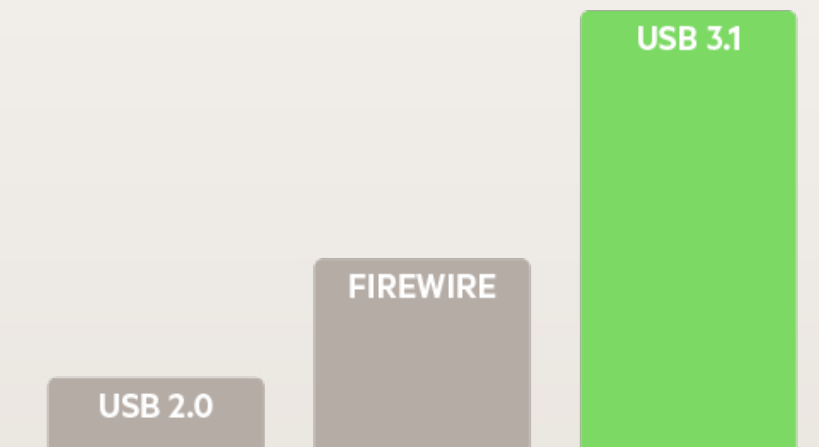
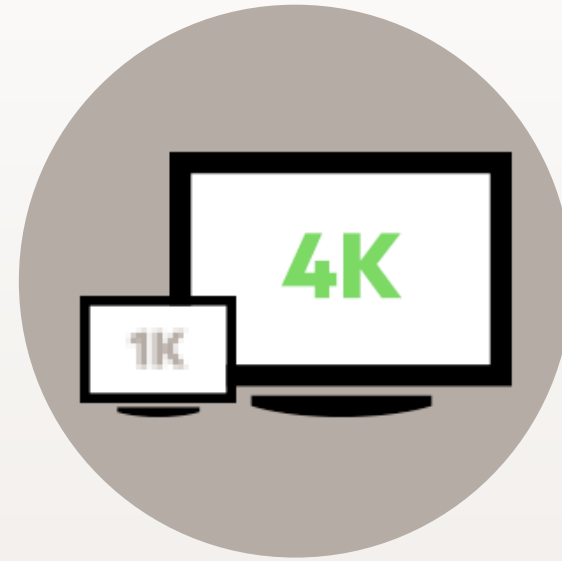


PERFORMANCE

- It's really, really fast. USB-C can transfer data at up to 10Gbps (gigabits per second). Or an entire high definition feature-length movie in just 30 seconds. That's up to 20 times faster than USB2.0.
- More power. With up to 100 watts, or 3 amps of power, USB-C cables can power almost anything. From MacBooks to large high-resolution monitors, even some printers.
- The 4K Ultra HD experience. USB-C cables can deliver Ultra-HD 4K video resolution to USB-C and HDMI displays. That's 4 times the resolution of standard high definition.

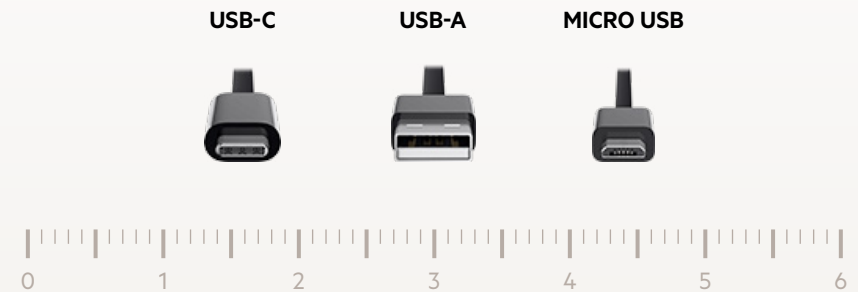
IS USB TYPE-C THE SAME AS USB 3.1?

- Although USB-C and USB 3.1 were developed at the same time, they are not the same thing.
- USB 3.1 is an upgrade from the familiar USB 2.0.
- USB-C cannot be used in other USB port types, however we offer USB-C cables and adapters for your every need.
- USB 3.1 is the new technology. The USB-C connector enables the functionality to support the new technology.



WHAT DOES A USB-C OR TYPE-C CABLE LOOK LIKE?

- The USB-C cable head is smaller than before, and looks a bit like a Micro-USB connector.
- Eventually this is the USB connector you'll use with your devices instead of using your existing USB-A, Micro-B or USB-Mini.



WHY IS USB-C BETTER THAN EXISTING USB CABLES?

- Reversible Connector. The USB-C, or Type-C connector is user friendly.
- Truly universal. Works with MacBooks, external batteries, external hard-drives, digital cameras, or anything that traditionally connects via USB. Now that's a real game changer.

THE FUTURE OF USB-C

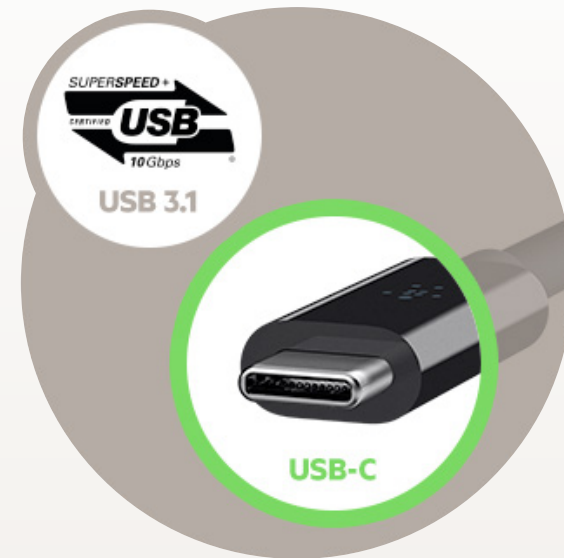
- USB-C isn't just a new development. It's a new standard. Which means that everything it promises — speed, ease of use, universality — can be applied to all sorts of devices. With this much potential, USB-C has another edge over existing USB cables: it'll be around for much longer.



WHAT'S BEHIND THE MOVE TO USB-C?

- Mountains of defunct cables in landfills across the world motivated action for reform. Tech companies around the world responded to new European regulations that called for a standard connector.
- The new USB-C connector is being widely adopted by manufactures such as Apple who released the new MacBook. With such widespread support from these market-leading manufacturers, it's only a matter of time before the new standard becomes the norm.

The idea of new technology that embraces future proofing for environmental reasons is groundbreaking. At Belkin, we are proud to be a part of this pioneering move toward an environmentally sustainable, tech-friendly future.



WHAT IS USB POWER DELIVERY?

- Unlike previous USB types, USB-C cables have the capability to provide power to their host devices up to 100W, as well as send information. For instance, imagine a printer linked to a MacBook via a USB-C cable: not only would the cable transfer the print information to the printer, it would also be able to power the printer, without the need for an additional power cable connecting the printer to a wall outlet.
- With the capability to channel 100 Watts of power, these cables could be used to connect, and power, all kinds of peripheral devices such as harddrives, keyboards, monitors, and multiple device hubs, using a single cable, without the need for huge power bricks.

Find out more about what's inside a USB-C cable

[CLICK HERE](#)



BELKIN USB-C CABLES ARE USB-IF CERTIFIED

USB Compliance means that Belkin cables are certified by USB-IF (USB Implementers Forum) to meet all electrical, mechanical, and environmental standards, ensuring an optimal user experience. USB-IF is a non-profit organization made up of companies that facilitate the development of high quality USB products and compliance testing. Purchasing a USB-IF certified USB-C cable will ensure that your devices and cables work together seamlessly, and safely.

FIND OUT MORE ABOUT WHAT'S INSIDE A USB-C CABLE

Cutting-edge power delivery

- A first-of-its-kind product identification and power management chip is built into these smart USB-C cables to allow for higher charging rates and power delivery.

The highest transfer rates

- Only a certified USB-C cable has the ability to achieve true 10 Gbps rates of data transfer.



**CUTTING EDGE
POWER DELIVERY**



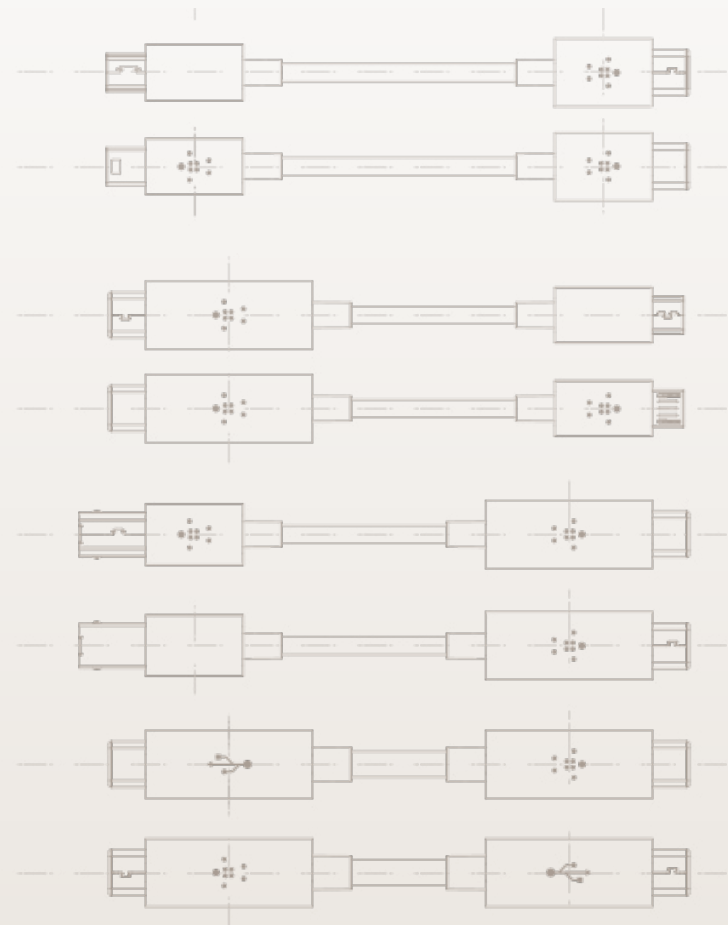
**HIGHEST
TRANSFER RATES**

NOT ALL USB-C CABLES ARE THE SAME

Unlike other cable brands, Belkin has complete control of the manufacturing process for all of our cables, from original design, through production. Our cables undergo stringent third-party testing to meet the highest quality standards, in order to produce the safest and most reliable cables in the market.

If you're not using a genuine Belkin USB-C cable or accessory, you could experience these issues:

- Your device could become damaged
- The cable might be easily damaged
- The connector end may break off, weaken, or might not fit properly into your device, which could damage the port
- You might not be able to sync or charge your USB device properly



Belkin has complete control of the manufacturing process for all of our cables, from original design, through production.

Higher Quality Standards



ELECTRICAL



MECHANICAL



RELIABILITY



ENVIRONMENTAL



**INTER-
OPERABILITY**

DEFINITIONS

Charge & Power

USB-C cables allow you to charge your new USB-C enabled device at up to 3 Amps. With the USB-C 3.1 cable, you can power devices at up to 100 watts.

Sync & Data Transfer

When you connect your mobile device to a USB-C computer, you can transfer data such as photo, video, and audio files at up to 10 Gbps.

Transfer Audio & Video

USB 3.1 cables can deliver 4K (UltraHD) video, and audio, from your MacBook to your HDTV or monitor.

USB-C Connector

The newest connector and industry standard for power and connectivity.

USB-IF

USB Implementers Forum, Inc. is a non-profit corporation founded by the group of companies that developed the Universal Serial Bus specification. The Forum facilitates the development of high-quality compatible USB peripherals (devices), and promotes the benefits of USB and the quality of products that have passed compliance testing.

WHAT WON'T USB-C DO?

The new USB-C (AKA USB Type-C) standard lets you connect almost everything right now, but it does have a few limitations.

Thunderbolt

Thunderbolt is a hardware interface used on MacBooks, monitors, and hard drives for data transfer and audio/video. Belkin currently doesn't offer USB-C-to-Thunderbolt solutions, but stay tuned as Thunderbolt developments are in progress.

RAID

RAID is a way to make hard drives faster or to back up your data. Not everyone uses RAID arrays or RAID hard drives, but it's good to note that USB-C does not support the RAID protocol, so if you have a RAID hard drive and/or array, you can not use a USB-C port to use it.

CABLE SUGGESTIONS

3.1 USB-A TO USB-C CABLE (ALSO KNOWN AS USB TYPE-C)



FEATURES

- Connect USB-C enabled devices (new MacBook) with standard USB-A devices (hard drives, etc.)
- Reversible USB-C connector
- 10Gbps data transfer rate
- 3A charging output
- 3 foot length

3.0 USB-C TO USB-A ADAPTER



FEATURES

- Connect USB-C enabled devices (new MacBook) to USB-A devices and peripherals (flash drives, keyboards, mice)
- Reversible USB-C connector
- 1.5A charging output
- Up to 5 Gbps data transfer speed

DISTRIBUTORS

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Marvel Computer
Solutions Limited

Despec Bilgisayar
Pazarlama Ve Ticaret Sa
Exertis Ireland Ltd
Ingram Micro (UK) Ltd
Tech Data Limited
Westcoast Ltd

USB-C LINKS

SKU

Apple MJ1L2AM/A	USB-C VGA Multiport Adapter
Apple MJ1K2AM/A	USB-C Digital AV Multiport Adapter
Apple MJ1M2AM/A	USB-C to USB Adapter
Apple MJWT2AM/A	USB-C Charge Cable (2m)

F2CU029bt1M-BLK	USB 3.1-C to C-USB A Cable	▶
F2CU030bt1M-BLK	USB 3.1-C to Type C Cable (1m)	▶
F2CU031bt1M-BLK	USB 3.1-C to Micro B, Cable (1m)	▶
F2CU032bt06-BLK	USB 2.0-C to USB A Cable	▶
F2CU033bt06-BLK	USB 2.0-C to Micro B Cable	▶
F2CU034bt06-BLK	USB 2.0-C to Mini B Cable	▶
F2CU035bt06-BLK	USB 2.0-C to USB B Cable	▶
F2CU036bt-BLK	USB 3.0-C to USB A Adapter	▶
F4U088vf-ALUM	4-Port 3.0 Hub with USB 3.1-C to Micro-B Cable	▶
F2CU040bt-BLK	USB-C to Gigabit Ethernet Adapter	▶
F2CU037bt-BLK	USB-C to VGA Adapter	▶
F4U090bt-BLK	USB-C Travel Hub	▶
F7U002bt06-BLK	Micro Car Charger, 2.1A, Universal, W/6' A-USB-C	▶

SKU

F7U001uk06-BLK	Micro AC Charger, 2.1A, Universal, W/6' A-USB-C
F2CU038bt-BLK	USB-C to HDMI Adapter
F2CU041bt06-BLK	USB 2.0 USB-C to USB-C Cable
F2CU041bt06-GLD	USB 2.0 USB-C to USB-C Cable, GOLD
F2CU041bt06-GRY	USB 2.0 USB-C to USB-C Cable, GRAY
F2CU041bt06-SLV	USB 2.0 USB-C to USB-C Cable, SLVR
F2CU041bt06-WHT	USB 2.0 USB-C to USB-C Cable ,WHITE
F2CU041bt06INBK	USB 2.0 USB-C to USB-C Cable
F2CU041bt06INGD	USB 2.0 USB-C to USB-C Cable, GOLD
F2CU041bt06INGY	USB 2.0 USB-C to USB-C Cable, GRAY
F2CU041bt06INSL	USB 2.0 USB-C to USB-C Cable, SLVR
F2CU041bt06INWH	USB 2.0 USB-C to USB-C Cable, WHITE
F2CU043bt06-BLK	USB 2.0 USB-C to USB-C Cable, BLACK
F2CU043bt06-BLU	USB 2.0 USB-C to USB-C Cable, BLUE
F2CU043bt06-GRN	USB 2.0 USB-C to USB-C Cable, GREEN
F2CU043bt06-PNK	USB 2.0 USB-C to USB-C Cable, PINK
F2CU043bt06-PUR	USB 2.0 USB-C to USB-C Cable, PURPLE
F2CU043bt06-RED	USB 2.0 USB-C to USB-C Cable, RED
F2CU043bt06-WHT	USB 2.0 USB-C to USB-C Cable, WHITE

HOME

USB-C CABLE FINDER

Choose your existing device below to connect to your new USB-C device.



iPhone / iPad



Storage Device



Display / Projector



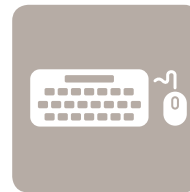
Internet Connection



Charger



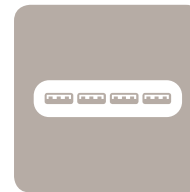
Digital Camera



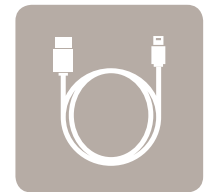
Keyboard / Mouse



Print / Scanner



Hub



Browse by Cable Type



iPhone / iPad



Storage Device



Display / Projector



Internet Connection



Charger



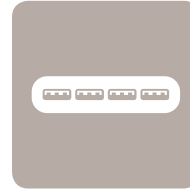
Digital Camera



Keyboard / Mouse



Print / Scanner



Hub



Browse by Cable Type

iPhone & iPad Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
Lightning		<ul style="list-style-type: none"> iPhone 6 iPhone 5 iPad Air iPad mini 	<p>→ 3.0 USB-C to USB-A Adapter (Use with your existing USB cable)</p>
30 Pin		<ul style="list-style-type: none"> iPhone 4 iPhone 3 iPad (1st gen) iPad 2 (2nd gen) iPad (3rd gen) iPod 	<p>→ 3.0 USB-C to USB-A Adapter (Use with your existing USB cable)</p>



iPhone / iPad



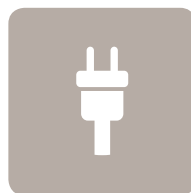
Storage Device



Display / Projector



Internet Connection



Charger



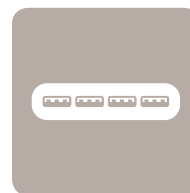
Digital Camera



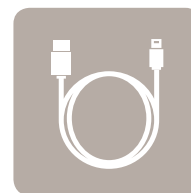
Keyboard / Mouse



Print / Scanner



Hub



Browse by Cable Type

Storage Device Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-C, VGA, USB		Flash drive Digital camera VGA display Charger	→ Apple USB-C VGA Multiport Adapter
USB-C, AV, USB		Flash drive Digital camera Charger	→ Apple USB-C Digital AV Multiport Adapter
USB		Flash drive Digital camera Standard USB device	→ Apple USB-C to USB Adapter
2.0 USB-A		MacBook Storage device External hard drive	→ 2.0 USB-A to USB-C Charge Cable (Use with your existing USB cable)
3.0 USB-A		MacBook Storage device External hard drive	→ 3.0 USB-A to USB-C Charge Cable (Use with your existing USB cable)
Micro USB		External battery External hard drive Digital camera	→ 2.0 USB-C to Micro USB Charge Cable
Micro-B		External hard drive	→ 3.1 USB-C to Micro B Cable



iPhone / iPad



Storage Device



Display / Projector



Internet Connection



Charger



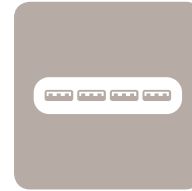
Digital Camera



Keyboard / Mouse



Print / Scanner



Hub



Browse by Cable Type

Display / Projector Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-C, VGA, USB		Flash drive Digital camera VGA display Charger	→ Apple USB-C VGA Multiport Adapter
USB-C, AV, USB		Flash drive Digital camera Charger	→ Apple USB-C Digital AV Multiport Adapter
USB		Flash drive Digital camera Standard USB device	→ Apple USB-C to USB Adapter
VGA		Computer monitor Projector with VGA port	→ USB-C VGA Adapter
HDMI		HDTV, 4K/Ultra HDTV, HDMI-enabled display	→ USB-C to HDMI adapter



iPhone / iPad



Storage Device



Display / Projector



Internet Connection



Charger



Digital Camera



Keyboard / Mouse



Print / Scanner




Hub



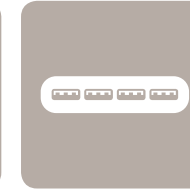
Browse by Cable Type

Internet Connectors

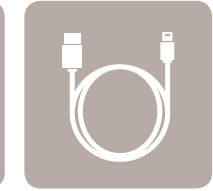
TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
Ethernet		Router Modem	➔ USB-C to Gigabit Ethernet Adapter

iPhone /
iPadStorage
DeviceDisplay /
ProjectorInternet
Connection




Charger

Digital
CameraKeyboard/
MousePrint /
Scanner

Hub

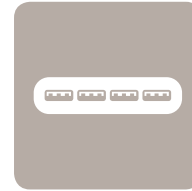
Browse by
Cable Type

Charge Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-C		USB-C power adapter USB-C data transfer device →	Apple USB-C Charge Cable (2m)
USB-C		MacBook Apple USB-C charger →	3.1 USB-C to USB-C Cable
2.0 USB-A		MacBook Storage device External hard drive →	2.0 USB-A to USB-C Charge Cable

iPhone /
iPadStorage
DeviceDisplay /
ProjectorInternet
Connection

Charger

Digital
CameraKeyboard/
MousePrint /
Scanner

Hub

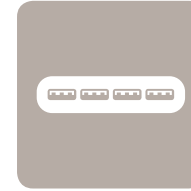
Browse by
Cable Type

Digital Camera Connectors

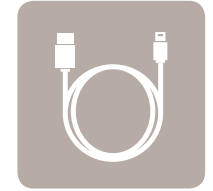
TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-C, VGA, USB		Flash drive Digital camera VGA display Charger	➔ Apple USB-C VGA Multiport Adapter
USB-C, AV, USB		Flash drive Digital camera Charger	➔ Apple USB-C Digital AV Multiport Adapter
USB		Flash drive Digital camera Standard USB device	➔ Apple USB-C to USB Adapter
Micro USB		External battery External hard drive Digital camera	➔ 2.0 USB-C to Micro USB Charge Cable
Mini-B		GoPro Nikon Coolpix Canon EOS Rebel	➔ 3.1 USB-C to Mini-B Cable

iPhone /
iPadStorage
DeviceDisplay /
ProjectorInternet
Connection

Charger

Digital
CameraKeyboard/
MousePrint /
Scanner

Hub

Browse by
Cable Type

Keyboard Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-C, VGA, USB		Flash drive, Digital camera VGA display Charger	→ Apple USB-C VGA Multiport Adapter
USB-C, AV, USB		Flash drive Digital camera Charger	→ Apple USB-C Digital AV Multiport Adapter
USB		Flash drive Digital camera standard USB device	→ Apple USB-C to USB Adapter
3.0 USB-A		MacBook Thumb drive Keyboard Mouse	→ 3.0 USB-C to USB-A Adapter (Use with your existing USB cable)



iPhone / iPad



Storage Device



Display / Projector



Internet Connection



Charger



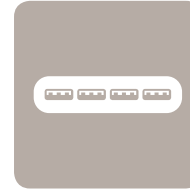
Digital Camera



Keyboard / Mouse



Print / Scanner




Hub



Browse by Cable Type

Printer Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-B		Printer Scanner	➔ 2.0 USB-C to USB-B Printer Cable



iPhone / iPad



Storage Device



Display / Projector



Internet Connection



Charger



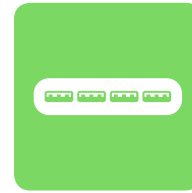
Digital Camera



Keyboard / Mouse



Print / Scanner










Hub



Browse by Cable Type

Hub Connectors

TYPE	YOUR DEVICE CONNECTOR	DEVICES	RECOMMENDED CABLE
USB-C, VGA, USB		Flash drive Digital camera VGA display Charger	→ Apple USB-C VGA Multiport Adapter
USB-C, AV, USB		Flash drive Digital camera Charger	→ Apple USB-C Digital AV Multiport Adapter
USB		Flash drive Digital camera Standard USB device	→ Apple USB-C to USB Adapter
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3.0 USB-A		MacBook Storage device External hard drive	→ 3.0 USB-C to USB-A Adapter (Use with your existing USB cable)
Micro USB		External battery External hard drive Digital camera	→ 2.0 USB-C to Micro USB Charge Cable
Micro-B		External hard drive	→ 3.1 USB-C to Micro B Cable



iPhone / iPad



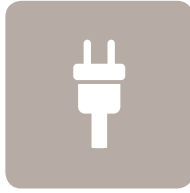
Storage Device



Display / Projector



Internet Connection



Charger



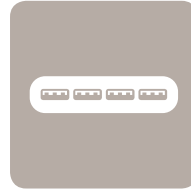
Digital Camera



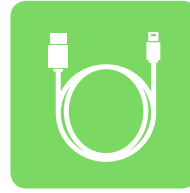
Keyboard / Mouse



Print / Scanner



Hub



Browse by Cable Type

Browse By Cable Type

Apple USB-C, VGA, USB



Apple USB-C, AV, USB



Apple USB



Apple USB-C



USB-C



Lightning



30 Pin



Micro USB



Micro-B



2.0 USB-A



3.0 USB-A



Mini-B



USB-B



Ethernet



VGA



HDMI

