

USB: form, modes and markings

22 October 2026 / Revision 2 / AI-assisted source reference; no independent review or hardware validation

Identify the form first. Establish data, power and video separately from the exact port, cable and device documentation.

USB-A / USB-C	Type-A has a rectangular mating profile; Type-C is reversible. Neither outer form establishes a data rate. [S002, S003]
Mini-B / Micro-B	These are distinct legacy forms. Check the actual mating face; neither name is a synonym for the other. [S001]
Power / data markings	USB-IF guidance separates power-capability and data-rate markings. A power-only mark on a USB 2.0 Type-C cable is not evidence of a faster data rate. [S511, S643]
USB-C video	Look for documented DisplayPort Alt Mode or the exact supported display transport on that port. An absent logo is inconclusive. [S003, S015]
Certification	Use the exact product and official lookup/date filters. A certified cable does not add capabilities to a host or device. [S040, S008, S442, S643]

CHECK THE COMPLETE TASK

1. Record exact source/device model and the particular port. A successful charge does not demonstrate a video or data mode.
2. Write the required data rate, charging need and display mode as separate requirements. Match the complete cable/accessory path.
3. Read manufacturer and USB-IF marking context; do not infer a capability from insert color, connector outline or a retailer title.

STOP CONDITION

Stop at an unknown port mode, cable identity or power requirement. Do not fill a negotiated-mode pin map from another USB-C variant.

Conceptual comparisons only: no photographs, contact-position maps, measured mating geometry or actual-size templates.

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SOURCE TRAIL: EXACT ORIGINAL SCOPE

S003 / USB-IF

USB Type-C language guidelines, March 2023
USB Type-C is not USB performance; USB 2.0 Type-C cables section
[Open original: www.usb.org](#)
Recorded inspection: 2026-10-01

S511 / USB-IF

USB-IF - January 2026 USB Type-C cable logo guidance
PDF pages 2, 4 and 5 (1-based); compliance markings, power/data separation and logo restrictions
[Open original: www.usb.org](#)
Recorded inspection: 2026-10-11

S643 / USB Implementers Forum

USB-IF cable certification scope and USB-C cable marking
Cables and Connectors; introductory certification paragraphs and USB-C to USB-C Cable Logo Requirements
[Open original: usb.org](#)
Recorded inspection: 2026-10-15

S015 / VESA

DisplayPort FAQ
DP 2.1b requirements; how to know device features; DisplayPort over USB-C
[Open original: www.displayport.org](#)
Recorded inspection: 2026-10-01

S442 / USB Implementers Forum

USB-IF public Product Search: scope and date filter
Public introduction and date-filter notes; no authenticated Integrators List or individual product result inspected.
[Open original: www.usb.org](#)
Recorded inspection: 2026-10-08

OFFICIAL VERIFICATION: EXACT PRODUCTS ONLY

USB-IF Product Search [S442]

Match the exact product and applicable date/category or label verification. No individual product result was checked; a picture or this link does not establish certification.

EVIDENCE NOTE: RETAIN THE EXACT MODEL AND SOURCE

Source model + exact port:

Required data / power / video:

S001 / C2G / Legrand

USB connector guide
USB A-Type; B-Type; Mini-B; Micro-B; USB 3.0 B-Type and Micro-B sections
[Open original: www.legrandav.com](#)
Recorded inspection: 2026-10-01

S002 / Cable Matters

USB connector cable types
USB-A, USB-B and USB-C sections
[Open original: www.cablematters.com](#)
Recorded inspection: 2026-10-01

S040 / USB-IF

USB Type-C cable logo usage guidelines, January 2026
USB 2.0 Type-C cables and power marking
[Open original: www.usb.org](#)
Recorded inspection: 2026-10-01

S008 / USB-IF

Cable and connector compliance
Cable power and data logo requirements
[Open original: www.usb.org](#)
Recorded inspection: 2026-10-01

Cable model + observed marking:

Missing evidence + next source:

Inherited scoped research reused; not every source was reopened for this sheet. No source artwork, logos or full manuals are redistributed. Missing or unverified fields remain unresolved. No independent review or hardware validation.