

Bullet Train®

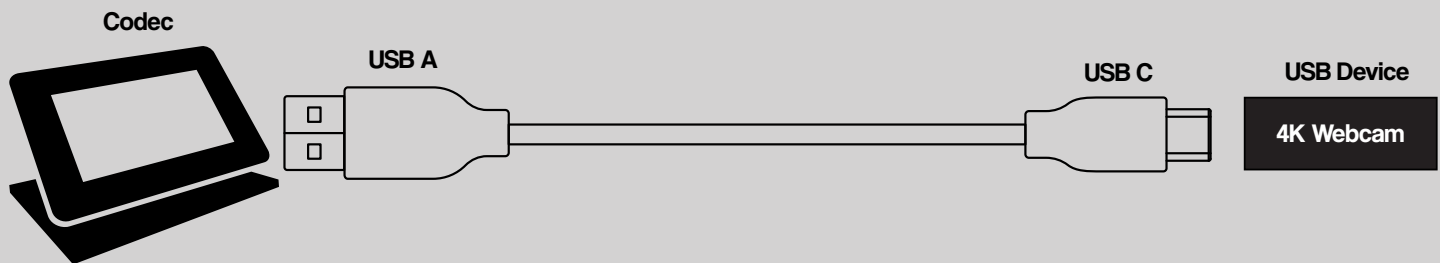
USB 3.2 Gen 2 Type-A to Type-C *professional series USB cables*

Bullet Train professional-grade USB cables guarantee connectivity and full functionality with each designated length. Worry-free, multiuse, best-in-class cables support USB Version 1, 2, and 3 devices for synchronization and charging while enabling communication and also providing power.

Exhaustively tested and interoperability-verified on over 80 leading-brand devices, Bullet Train passive and active cables define the new standard in USB cable construction quality and long-term reliability, supported by a lifetime warranty.



Part Number	Length	Type	Part Number	Length	Type
BT-USB-A2C-01	1 Meter	Copper	BT-USB-A2C-05	5 Meters	AOC
BT-USB-A2C-02	2 Meters	Copper	BT-USB-A2C-08	8 Meters	AOC
BT-USB-A2C-03	3 Meters	Copper	BT-USB-A2C-15	15 Meters	AOC

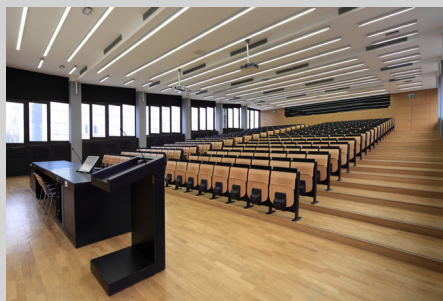


APPLICATIONS

Conference Rooms



Education



Government



KEY BENEFITS

Legacy Support: USB 3.2 Gen 2 Type-A to Type-C SuperSpeed cables, capable of transfer speeds up to 10 Gbps, supporting legacy USB Versions 1.1 and 2.

99.99% Oxygen-free Copper Conductors: High conductivity, low attenuation, and superb corrosion resistance enable passive Bullet Train professional-grade USB cables to provide precise data transfer. OFC provides AOC cables with superior communication signaling.

Precision-machined Connectors: Originally conceived as a connect-once, virtually permanent connection format, USB's versatility has led to devices that require constant insertion/desertion cycles. Precision machining enables Bullet Train USB cables to create repeatable, secure connections without metallurgical fatigue, extending cable life and preserving long-term cable performance.

OM3 High-Bandwidth Fiber: Active Optical Cable models use a high-purity, high-bandwidth core with low-reflective polymer cladding to eliminate flashing and image blackouts many low-cost AOC cables are susceptible to.

Data-grade AOC Transceiver: Data center-grade transceivers are built to higher standards with tighter tolerances for long life and 100% duty cycles compared to high-parts-volume AOC cable transceivers. Data-grade transceivers offer improved EMI resistance, essential as each cable end is coupled to noisy digital electronics. Additionally, they offer lower latency and support higher data rates while consuming less power.

Enhanced Interoperability: Bullet Train Professional Series USB cables have undergone extensive testing with more than 80 leading devices in various cross-configurations to ensure compatibility in the field the first time and every time.

Backward Compatibility: Professional Series Bullet Train USB cables operate at the lowest common speed capability, making them compatible with any USB device (up to USB 3.2 Gen 2 (2x1)/ 10 Gbps.

Lifetime Warranty: Install with peace of mind; Bullet Train's no-hassle lifetime guarantee covers you and your clients.

SPECIFICATIONS

COPPER CABLES	
USB Type	USB 3.2 Gen 2 (2x1)
Connector Type	USB Type-A Male to USB Type-C Male
Available Lengths	BT-USB-A2C-01 - 1 m (3.2 ft.) BT-USB-A2C-02 - 2 m (6.5 ft.) BT-USB-A2C-03 - 3 m (9.8 ft.)
Max Bandwidth	10 Gbps
Retention Force	4 kg / 8.8 lbs.
Wire Gauge	30 AWG x 24 AWG
Internal Wire Construction	4C (2 x Differential signal pairs)
Cable Impedance	95 Ohms ± 5 Ohms
Cable Outer Diameter	4.8 mm (.188 inches)
Plug Dimensions (L x W x D)	USB Type-A: mm: 4.5 x 12 x 20.4 inches: .177 x .472 x .803 USB Type-C: mm: 17.8 x 8.55 x 2.4 inches: .700 x .336 x .094
Plug Material	Nickel-plated
Casing Material	Aluminum
Outer Shielding Material	PVC Jacket
Bend Radius	30 mm
EMI/EMC/Safety Cert.	UL
Environmental	RoHS
Lead-free (Pb-free)	Yes

AOC CABLES	
USB Type	USB 3.2 Gen 2 (2x1)
Connector Type	USB Type-A Male to USB Type-C Male
Available Lengths	BT-USB-A2C-05 - 5 m (16.4 ft.) BT-USB-A2C-08 - 8 m (26.2 ft.) BT-USB-A2C-15 - 15 m (49.2 ft.)
Max Bandwidth	10 Gbps
Retention Force	3 kg / 6.6 lbs.
Wire Gauge	28 AWG x 26 AWG x 21 AWG
Internal Wire Construction	Fiber + 2x conductors for SuperSpeed RX/TX 1x conductor for CC 1x pair for VBUS/GND 1x pair for D+/D-
Cable Impedance	90 Ohms ± 10%
Cable Outer Diameter	4.8 mm (.188 inches)
Plug Dimensions (L x W x D)	USB Type-A: mm: 40 x 18 x 9 inches: 1.57 x .708 x .354 USB Type-C: mm: 41 x 15 x 7.5 inches: 1.61 x .590 x .295
Plug Material	Silver-plated
Casing Material	Zinc Alloy
Outer Shielding Material	PVC Jacket
Bend Radius	48 mm
EMI/EMC/Safety Certifications	UL
Environmental	RoHS
Lead-free (Pb-free)	Yes