

DATA SHEET

EASYCONNECT USB3-50-CC

The EasyConnect USB3-50-CC is a USB 3.2 Gen.1 cable with type C to type C connectors. This high-speed cable supports data transfer rates up to 5 Gbps and is constructed with tinned copper conductors and gold-plated contacts.



FEATURES

- USB Version: 3.2 Gen. 1
- Connector Types: Type C to Type C
- Cable Length: 50 ft (15 m.)
- Power Delivery Capability: 60 W
- Data Transfer Speed: 5 Gbps
- Alt Mode Support: DisplayPort/ HDMI/Audio
- Signal Type: Active
- Conductor Type: Tinned Copper & Multi-Mode Optical Fibers

PRODUCT SPECIFICATIONS

GENERAL		PHYSICAL	
USB Standard	3.2 Gen. 1 (formerly USB 3.0)	Jacket Material	PVC
Connector Type	Type C to Type C (male-male)	Conductor Material	Tinned Copper & Multi-Mode Optical Fibers
DATA		Wire Gauge	20+24+28 AWG
Max. Data Rate	5 Gbps (SuperSpeed)	Shield Type	Double Shielded (foil + braid)
USB Specification	USB 3.2 Gen.2 (USB 2.0, 1.1 compatible)	Contact Plating	Gold
Signal Type	Active	ENVIRONMENTAL	
Max. Built-in USB Hubs	2 (USB 3.0 lanes)	Operating Temp.	0 to 50 °C
VIDEO		Storage Temp.	-20 to 70 °C
Max. Resolution	3840 x 2160 pixels (at 30Hz)	Humidity	10 to 80% RH (non-condensing)
Chroma Sampling	4:4:4	ALT MODE SUPPORT	
Color Bit Depth	8 bit (per color)	DisplayPort	Yes (DP1.4)
POWER		HDMI	Yes (through DP Alt Mode)
Operating Voltage	5-20 V	Audio	Yes (through USB/DP)
Max. Current	3 A	FEATURES	
Max. Power Delivery	60 W (type-C port dependent)	Billboard Device	Yes (capability reporting)
PD Version Support	2.0/3.0	E-Marker	Yes (configuration chip)
MECHANICAL		Power Direction	Unidirectional
Cable length	50 ft. (15 m.)	REGULATORY	
Cable Outer Diameter	6.5 mm	Compliance.	RoHS, REACH
Min. Static Bend Radius	65 mm	Safety Rating	VW-1
Max. Tensile Strength	200 N	COMPATIBILITY	
Max. Compression Load	400 N	Operating Systems	Windows 8+, macOS 10.9+, Linux 3.x+ (USB 3.0 support required)
Max. Pull Strength	50 N	Legacy Support	With type C to A/B adapters
		WARRANTY	
		Limited Warranty	2 Years

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ARCHITECTS & ENGINEERS SPECIFICATIONS

The USB cable shall be designed for use with Biamp® systems. The USB version shall be 3.2 Gen.1. The connector types shall be type C to type C. The cable length shall be 50 ft (15m). The USB cable shall be a active cable. The USB cable shall be compliant with RoHS, and REACH directive. Warranty shall be two years. The active USB cable shall be an EasyConnect USB3-50-CC.

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A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA

T: +1 503.641.7287

W: www.biamp.com