

DATA SHEET

EASYCONNECT USB3-50-BC

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

Biamp offers a wide variety of cables carefully created to meet diverse needs. Our cables are carefully crafted to ensure seamless connectivity, enduring flexibility, and unparalleled reliability.



FEATURES

- USB Version: 3.2 Gen. 1
 - Connector Types: Type B to Type C
 - Cable Length: 50 ft (15 m.)
- Data Transfer Speed: 5 Gbps
 - 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 B 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
POWER		Storage Temp.	-20 to 70 °C
Operating Voltage	5-20 V	Humidity	10 to 80% RH (non-condensing)
Max. Current	0,8 A	FEATURES	
MECHANICAL		Billboard Device	Yes (capability reporting)
Cable length	50 ft. (15 m.)	Direction	Unidirectional (USB-CM (Host) / USB-BM (Device)
Cable Outer Diameter	4.8 mm	REGULATORY	
Min. Static Bend Radius	48 mm	Compliance.	RoHS, REACH
Max. Tensile Strength	200 N	Safety Rating	VW-1
Max. Compression Load	400 N	COMPATIBILITY	
Max. Pull Strength	150 N	Operating Systems	Windows 8+, macOS 10.9+, Linux 3.x+ (USB 3.0 support required)
		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 B 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-BC.

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