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CA-USB3/AE

USB 3.0 Active Extender Cable



CA-USB3/AE is an active extender cable designed to extend USB 3.0 signals. Typically, USB cables have a maximum length of about 2 meters (6 feet), CA-USB3/AE enables cable lengths of up to 15m (50ft).

This bus-powered cable contains active electronics that enables it to extend without any signal loss or potential performance problems. With no need for an external power source, CA-USB3/AE is suitable for use with USB cameras, printers, webcams, keyboards, mice, and more.

Note: This cable is for data transfer only, not for charging

FEATURES

True Plug-and-Play - No additional drivers needed

USB 3.0 Super Speed (5Gbps) Standard - Compliant with USB 3.0

High-Quality Construction - 2 pair 24AWG + 1 pair 26AWG + 2 wires 22AWG + 2 drain wires 24AWG

No External Power - Pulls power from the USB source device

Buffers Incoming & Outgoing Signal

CM-c(ETL) Rated

Varied Selection of Lengths - Available in versions of 4.6 to 15m (15 to 50ft)



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TECHNICAL SPECIFICATIONS

General	TYPE: USB 3.0 SuperSpeed MAX. DATA RATE: 5 Gbps
USB Features	Integrated USB Hubs CA-USB3/AE – 10ft to 15ft: 1 Tier Integrated USB Hubs CA-USB3/AE – 25ft to 35ft: 2 Tiers Integrated USB Hubs CA-USB3/AE – 50ft: 3 Tiers
PHYSICAL	CONNECTOR A: USB 3.0 type-A male CONNECTOR B: USB 3.0 type-A female
MECHANICAL	Cable Bending Radius 70mm
CONDUCTORS	Cable Composition: 2 pair 24AWG + 1 pair 26AWG + 2 wires 22AWG + drain wires 24AWG 24AWG: STP cable, bare solid copper, FEP insulation, 1.35mm OD, shielded – AL-Foil/Mylar and Mylar tape, both with 25% min. overlap 26AWG: Bare stranded copper, HD-PE insulation, 0.9mm OD 22AWG: Bare stranded copper, SR-PVC Insulation, 1.25mm OD, shielded with AL-Foil/Mylar – 25% min. overlap and tinned strand copper – 80% min coverage
JACKET	Material: PVC O.D.: 7mm Color: Black
Power	15ft and 25ft length 4.4W 35ft length 4W 50ft length 3.5W
Environmental Conditions	Working temperature -10°C ~ +55°C



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CONFIGURATIONS

CA-USB3/AAE-10	USB 3.0 Active Extender Cable
CA-USB3/AAE-15	USB 3.0 Active Extender Cable
CA-USB3/AAE-25	USB 3.0 Active Extender Cable
CA-USB3/AAE-35	USB 3.0 Active Extender Cable
CA-USB3/AAE-50	USB 3.0 Active Extender Cable
