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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

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|--------------------------|---|
| General | TYPE: USB 3.0 SuperSpeed MAX. DATA RATE: 5 Gbps |
| USB Features | Integrated USB Hubs CA-USB3/AAE - 10ft to 15ft: 1 Integrated USB Hubs CA-USB3/AAE - 25ft to 35ft: 2 Integrated USB Hubs CA-USB3/AAE - 50ft: 3 |
| 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 |