

# DATA SHEET



## USB-A Male to Female Active Extension Cable — Plenum, CMP-Rated

Extend a USB connection through a plenum air space

### OVERVIEW

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This USB Active Extension Cable is an ideal solution for USB applications which require more cable length than the 5 meter (16.5ft) length limitation of USB. This extension cable actively buffers the incoming and outgoing signals to ensure compliance with the USB 2.0 specification for electrical and timing minimums. The plenum rated jacket meets the requirements for an installation in a commercial space, and both low and high speed USB devices will function equally well with this extension.

### FEATURES

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- Plenum, CMP-rated jacket
- Supports USB 2.0 bandwidth
- Draws power required for operation through the USB port

### ITEM DESCRIPTION

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39935	50ft USB-A Male to Female Active Extension Cable — Plenum, CMP-Rated
39936	75ft USB-A Male to Female Active Extension Cable — Plenum, CMP-Rated

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## SPECIFICATIONS:

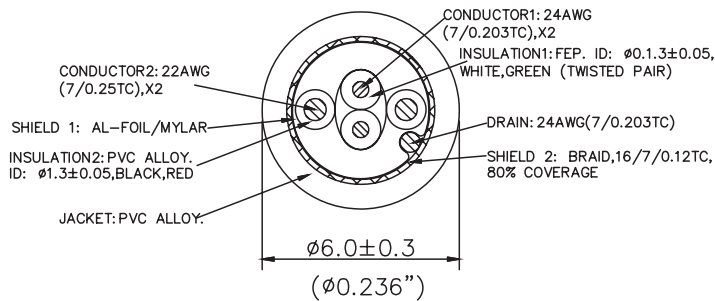
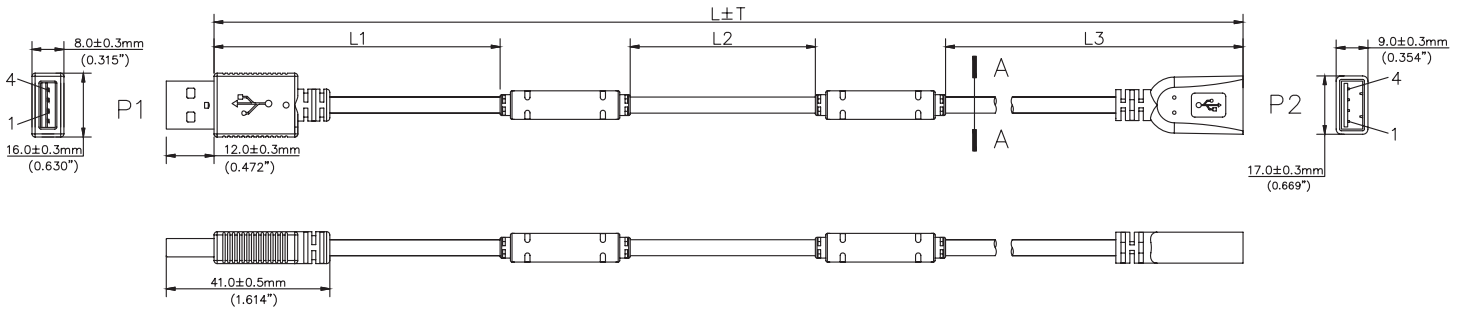
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#### ELECTRICAL SPECIFICATIONS:

- Voltage Rating: 300V
- Signal Bandwidth: 480Mbps
- Nominal Impedance with Tolerance:  $90 \pm 13.5$  OHM
- Delay: 5.2ns/m MAX
- DC Resistance: 24AWG 87.6OHM/KM MAT at 20°C /22AWG 55.4OHM/KM MAX at 20°C
- Insulation Resistance: 10M OHM

#### PHYSICAL SPECIFICATIONS:

- ETL 24AWG/1P+22AWG/2C; 75°C, 300V; 6ETL—4004196
- Operating Temperature: -10 ~ 75°C
- Storage Temperature: -10 ~ 75°C
- P1: USB-A Type Male; Material (Nickel-Plated on Shell), Terminal Gold 3µm, Insulation Color: White
- P2: USB-A Type Female; Material (Nickel-Plated on Shell), Terminal Gold 3µm, Insulation Color: White
- Shield Type/Braid Coverage: 80% MIN
- Shield Type/Braid Construction: 16/7/0.12TC
- Jacket Material & Thickness: PVC Alloy 0.58mm AVG
- Drain Wire AWG & Construction: 7/0.203TC
- Minimum Bend Radius: 60mm
- Cable Marking: Plenum Cable 4004196 ETL TYPE CMP 75°C



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