

With Model USBEXT the USB signals going in and out of the extension cable are buffered to assure signal quality. Both low speed and high speed USB devices will function with the USBEXT. No additional power supply is required (extension cable is powered by USB).

Specifications:

Cable Length: 5 m (16.4 ft)

Max Current Draw: 5 mA at 40°C (typically <3 mA)

Max. Cable Voltage Drop: 0.095 V at 500 mA

VCC and GDN Wire Size: 20 AWG

D+ and D- Wire Size: 28 AWG (stranded — twisted pair, 90 Ω characteristic impedance)

Cable Shield: Aluminized wrap foil with 28 AWG drain wire and copper mesh over foil

High Speed Mode: 12 Mbs (when used with high-speed peripheral)

Low Speed Mode: 1.5 Mbs (when used with a low-speed peripheral)

Operating Temperature Range: 0 to + 85°C

Storage Temperature Range: -40 to + 85°C

Downstream Connector: Type "A" (female)

Upstream Connector: Type "A" (male)

Operating System Requirements: USB compatible

Note: Limit to 25 m total length for each USB device. For a digiBASE, up to four extenders may be added for a total length of 25 m (82 ft.)

Ordering Information

| Model | Description |
|--------|----------------------------|
| USBEXT | USB Active Extension Cable |

Specifications subject to change
060217