

## USB 2.0 Male to USB-Micro B Male cord

Cat. No(s): 0 398 61, 0 909 86



### 1. USE

Connect your portable USB device to a micro-USB port on your computer or other USB device

### 2. DESCRIPTION

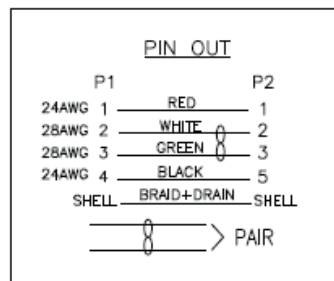
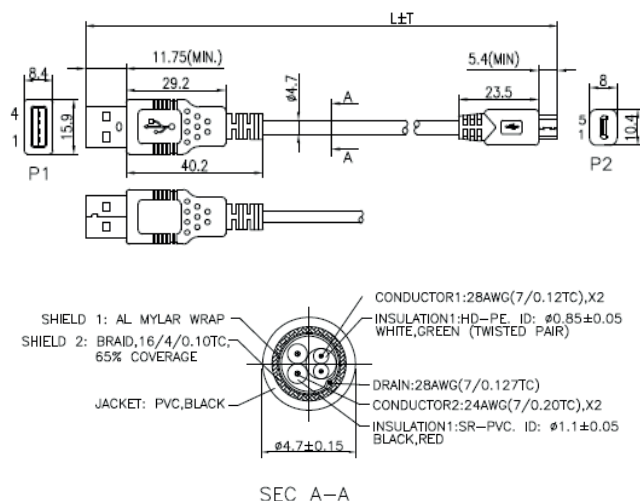
Connect to mobile phones, GPS systems, PDAs, OTG devices and digital cameras by using the micro-USB connection on your computer or other USB device. The micro-USB connector is smaller and thinner than the previous USB Mini-b standard while offering better performance. Its small form factor is ideal for today's compact portable devices while easily transferring data or charging your device at a transfer speed up to 480 Mbps. This cable is compliant with USB 2.0 specifications and the On-The-Go supplement

### 3. FEATURES

- PC and Mac® compatible
- USB 2.0 technology provides 480 Mbps
- Backwards compliant with USB 1.1

### 4. DIMENSIONS

Cat. Nos	Length (m)
0 398 61, 0 909 86	1



### 5. ELECTRICAL CHARACTERISTICS

Voltage rating	30V
Impedance	90Ω±15%
Capacitance	131PF/m
Velocity of propagation	12Mb/s
DC resistance	28 AWG : 239 Ohm/Km (20°C)
	24 AWG : 94.2 Ohm/Km (20°C)
Dielectric strenght	HDPE : 2400 PSI SR-PVC : 3000 PSI
Insulation resistance	10 MΩ
Nominal attenuation (dB)	at 0.064 MHz : 0.08
	at 0.256 MHz : 0.11
	at 0.512 MHz : 0.13
	at 0.772 MHz : 0.15
	at 1.00 MHz : 0.2
	at 4.00 MHz : 0.39
	at 8.00 MHz : 0.57
	at 12.0 MHz : 0.76
	at 24.0 MHz : 0.95
	at 48.0 MHz : 1.35
at 96.0 MHz : 1.9	
at 200 MHz : 3.2	
at 400 MHz : 5.8	

## 6. PHYSICAL CHARACTERISTICS

Connector 1 : USB 2.0 type male puncturing type, white PBT, insulation gold flashed plated on contacts, nickel plated shell.

Connector 2 : 5P micro USB B male, black, insulation gold flash plated on contacts, nickel plated shell.

All hood : molded black

Cable type :

UL 28AWG/1P 80°C 30V Color : white/Green

UL 24AWG/2C 80°C 30V Color : Red/Black

UL-E322376

Shield type/Braid coverage : 65%

Shield type/Braid construction : 16/4/0.1mm

Jacket material & thickness : PVC 0.23mm min AVG

Drain wire AWG & construction : 28 AWG 7/0.127mm

Minimum bend radius : R 4.7mm

Operating temperature : -20°C to +55°C

Storage temperature : -10°C to +40°C

## 7. SYSTEM REQUIREMENTS

In order to receive the benefits of the USB 2.0 specification, the source and device must be USB 2.0 compliant