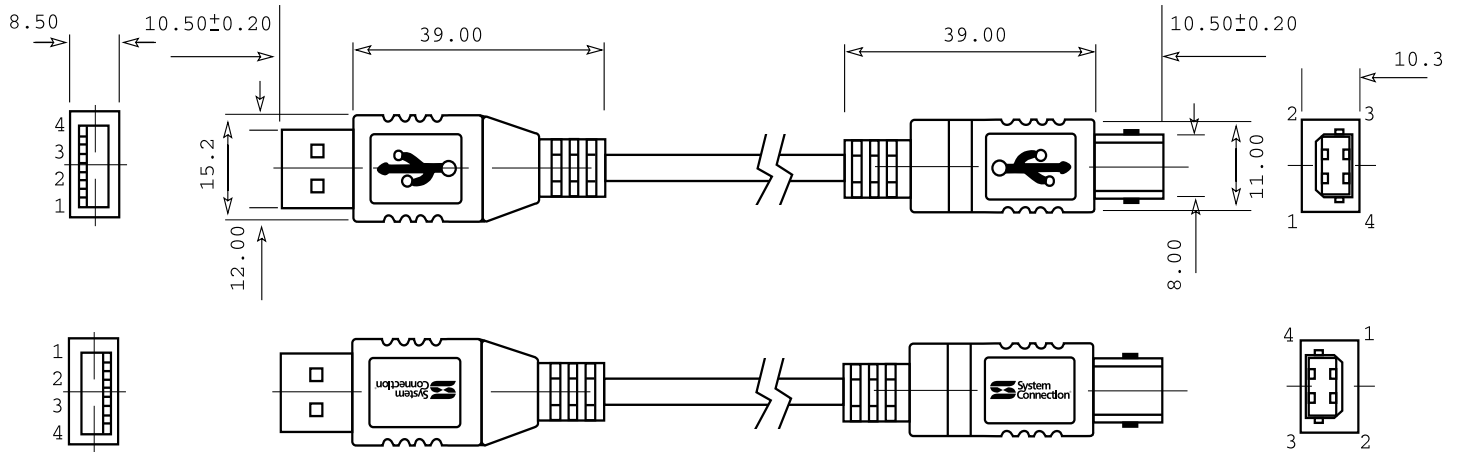
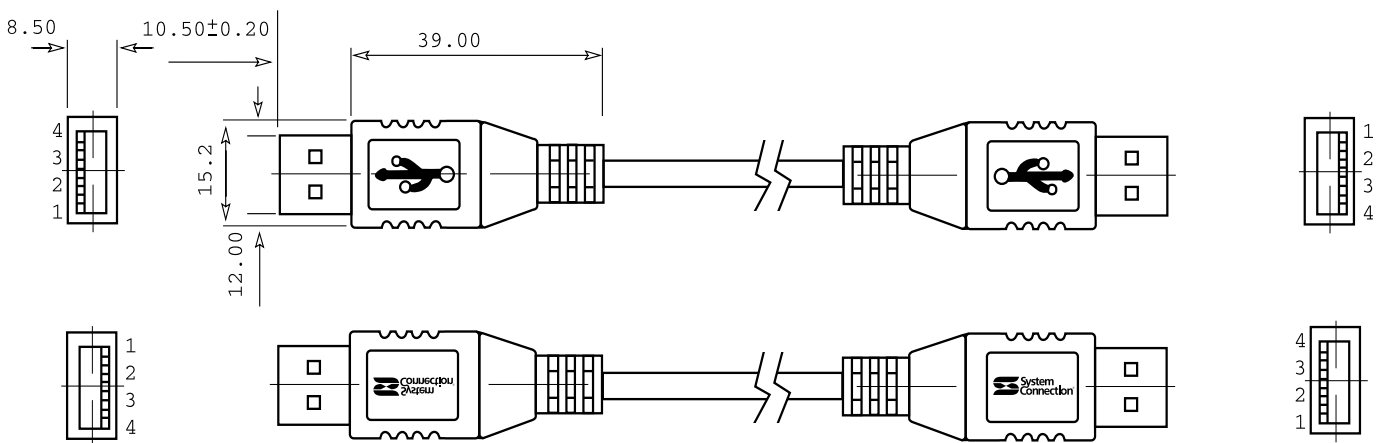


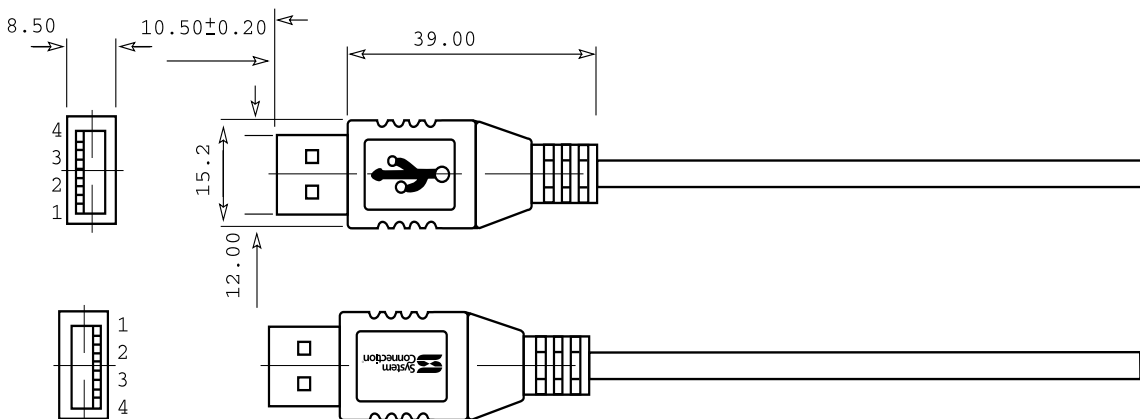
# Universal Serial Bus (USB) Cables



**Series A-B Cable**



**Series A-A Cable**

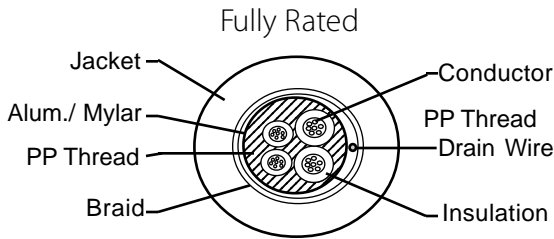


**Series A - Unterminated Cable**



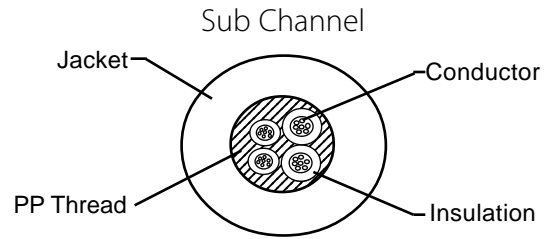
# USB Cable Technical Specifications

## Cable



Insulation Material: PP: SR-PVC  
 Filler: PP thread  
 Shield: Aluminum Foil/Mylar - overlap 25%  
 Min. (alum. side out)  
 Drain wire: 28 AWG (7/36)  
 Braid: Coverage: 65% (min)  
 Jacket: PVC Material -0.80  
 Data Lines: Twisted Pair

Characteristics:  
 Voltage Rating: 30 V (rms)  
 Temperature Rating: 75°C  
 Signalling: 12 Mbps  
 Insulation Resistance: PP: DC: 500V 100 MOhm/KM Min @ 20°C  
 SR-PVC: DV 500 V 10 MOhm/KM Min @ 20°C



Insulation Material: PP: SR-PVC  
 Filler: PP thread  
 Shield: None  
 Jacket: PVC Material - 0.80  
 Data Lines: Non Twisted Pair Wire

Characteristics:  
 Voltage Rating: 30 V (rms)  
 Temperature Rating: 75°C  
 Signalling: 1.5 Mbps  
 Insulation Resistance: PP: DC: 500V 100 MOhm/KM Min @ 20°C  
 SR-PVC: DV 500 V 10 MOhm/KM Min @ 20°C

Conductor (mm)			Conductor Resistance	Sub Channel Cable O.D.	Fully Rated Cable O.D.
AWG	O.D.	Construction			
28 Power	0.39	7/36 AWG	148 Ohm/KM Max @ 20°C	4.2 +/- 0.12	4.2 +/- 0.12
26 Power	0.48	7/34 AWG	93 Ohm/KM Max @ 20°C	4.2 +/- 0.12	4.7 +/- 0.12
24 Power	0.60	7/32 AWG	55 Ohm/KM Max @ 20°C	4.2 +/- 0.12	5.0 +/- 0.12
22 Power	0.78	7/30 AWG	55 Ohm/KM Max @ 20°C	5.0 +/- 0.12	5.0 +/- 0.12
20 Power	0.96	7/28 AWG	34 Ohm/KM Max @ 20°C	5.0 +/- 0.12	5.0 +/- 0.12

## Connector:

### Material:

Terminal: Phosphor Bronze, PB-Ni 30u", Gold 10u"  
 Shell: Phosphor Bronze, Cu 100u", Tin 200u"  
 Housing: PBT + G.F., UL 94V-0

