

## SPECIFICATION SHEET



### USB 2.0 USB-C to USB-A Cable M/M

- Provides compatibility for USB-A laptop, tablet, or desktop to connect to a USB-C cellphone, tablet printer or external hard drive
- Molded USB 2.0 label for easy identification
- Double shielding provides protection from EMI/RFI
- Lifetime warranty

## Specifications: USB 2.0 USB-C to USB-B Cable M/M - Black

### Electrical Specifications:

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Voltage Rating:	30V
Dielectric Strength:	AC-500V/1 Minute No Breakdown (EIA-364-20)
Insulation Resistance:	DC-500V 10M $\Omega$ /1 Minute No Breakdown (EIA-364-21)
Conductor Resistance:	24AWG—93 $\Omega$ /KM Max
Attenuation (Max):	0.2dB at 1MHz;      0.39dB at 4MHz;      0.57dB at 8MHz 0.76dB at 12MHz;      0.95dB at 24MHz;      1.35dB at 48MHz 1.9dB at 96MHz;      3.2dB at 200MHz
Propagation Delay Skew:	High-Speed Max 26ns Low-Speed Max 18ns 100ps High-Speed Only
Impedance:	90 $\pm$ 15% $\Omega$
Common Mode Impedance:	30 $\pm$ 30% $\Omega$

### Physical Specifications:

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Operating Temperature:	0°C - 50°C
Operating Humidity:	20% - 85% RH
Storage Temperature:	-25°C - 70°C
Storage Humidity:	0% - 90% RH
Cable OD:	3.8mm $\pm$ 0.2
Shield:	Shield 1: AL Wrap coverage 100% Shield 2: Braid 16/4/0.10 TC
Hood Type:	Molded
Warranty:	Lifetime

### Conductor 1:

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Material:	Stranded Tinned Copper
Size:	30AWG (7/0.10)
Insulation:	HD-PE
Color:	White/Green (Twisted Pair)

### Conductor 2:

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Material:	Stranded Tinned Copper
Size:	24AWG (7/0.20)
Insulation:	SR-PVC
Color:	Red/Black

### USB 2.0 C Connector:

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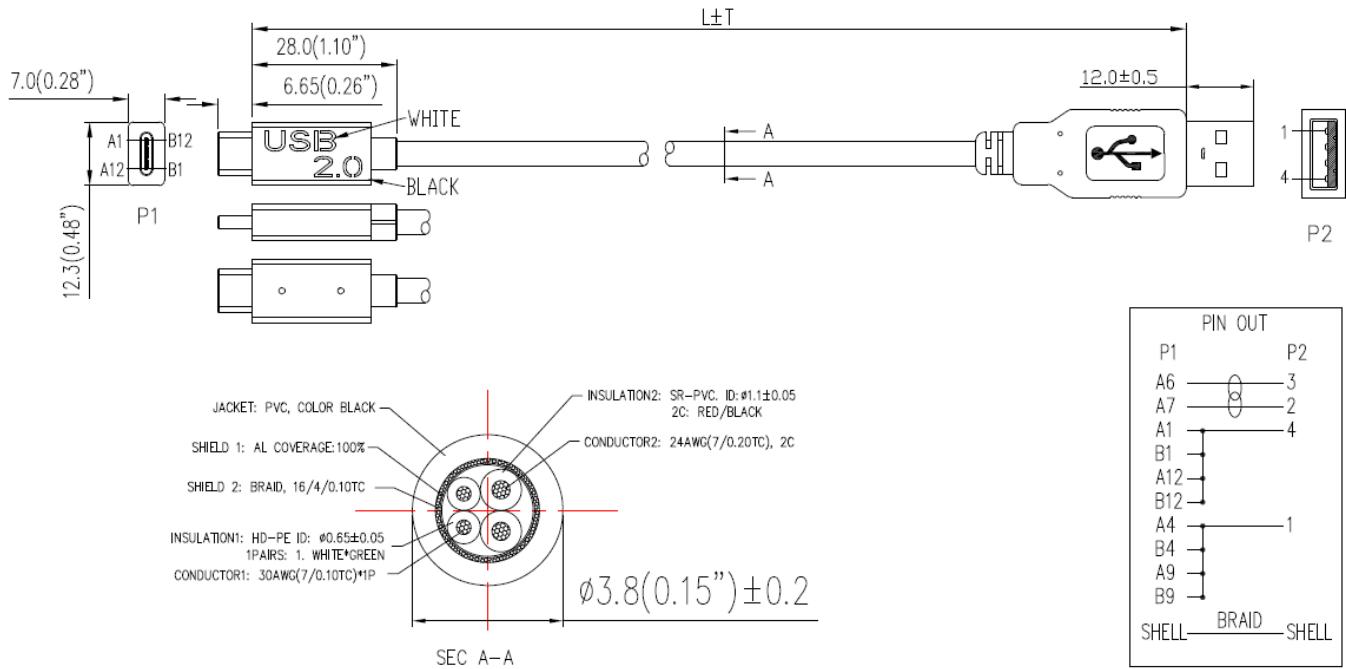
Gender:	Male
Insulation:	Black
Contact Material:	Gold Flashing
Shell Material:	Nickle Plated

### USB 2.0 A Connector:

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Gender:	Male
Insulation:	Black
Contact Material:	Gold Flashing
Shell Material:	Nickle Plated

# Specifications: USB 2.0 USB-C to USB-A Cable M/M



TABLE

28871	6	18.30(6')±30
28870	3	9.14(3')±20
P/N	xft	L±T

Part Number	Description	Weight (lbs)
28870	3ft USB 2.0 USB-C to USB-A Cable M/M - Black	.072
28871	6ft USB 2.0 USB-C to USB-A Cable M/M - Black	.119



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