

# USB 3.0 Kabelmaterial, 100m Rolle, Premium-Qualität, UL, Copartner, schwarz

Artikelnummer CU-ROL-U3-2

Länge 100000mm



## Produktbeschreibung

USB 3.0 Kabelrolle, 100m, doppelt geschirmt (Alufolie + Geflecht), AWG 28 Datenleitungen u. AWG 24 Powerleitungen, UL, Farbe: schwarz

## partsdata Tipps

Die Besonderheit dieses Copartner-Kabelmaterials sind die dicker ausgeführten Powerleitungen mit AWG24, die gute Abschirmung und herausragend gute Qualität.

## Technische Daten

- USB 3.0 Kabelrolle 100m
- spezielles Kabelmaterial für USB 3.0 Kabelherstellung
- Super-Speed USB 3.0 kompatibel
- doppelt abgeschirmt (Folienschirm + Gefechtschirm)
- Datenleitungen paarig verdrillt: twisted pair
- Adernstärken: AWG24 (Power) AWG28 (Daten)
- Folienschirm mit 100% Abdeckung bei 25% Überlappung
- UL-Kabelmaterial
- Kabelhersteller: COPARTNER TECHNOLOGY CORP
- VW-1
- Außendurchmesser: 6.00 plus/minus 0.15mm
- Gewicht des 100m-Rings: 4,5kg
- Farbe: schwarz

## Weitere Bilder



### SPECIFICATION: | (IP\*28# +D+AL+ Mylar)\*2C+1P\*28#+2C\*24# +AL+B /UL20276

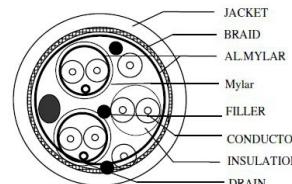
ITEM		SPECIFICATION		
CONDUCTOR	AWG	28AWG	28AWG	24AWG
	MATERIAL	TINNED COPPER	TINNED COPPER	TINNED COPPER
	COND.SIZE	7/0.127±0.008 mm	7/0.127±0.008 mm	7/0.20±0.008 mm
INSULATION	MIN.AVG.THICK	0.23 mm	0.12 mm	0.23 mm
	MATERIAL	FM-PE+SKIN	HD-PE	SR-PVC
	O . D	0.88±0.05 mm	0.70 ± 0.05 mm	1.10 ± 0.05 mm
	N.O.	1P*2	1P	2C
DRAIN	AWG	30AWG	/	/
	MATERIAL	TINNED COPPER	/	/
	SIZE	7/0.10±0.008 mm×1PCS	/	/
Face Inside	COVERAGE	100%	/	/
AL_Mylar	OVERLAP	25% MIN	/	/
MYLAR	COVERAGE	100%	/	/
	OVERLAP	25%MIN	/	/
Face Outside	COVERAGE	100%		
AL_Mylar	OVERLAP	25%MIN		
BRAID	MATERIAL	TINNED COPPER		
	SIZE	16*7/0.10±0.008 mm		
JACKET	MIN.AVG.THICK	0.51 mm		
	MATERIAL	MATT PVC		
	COLOUR	UL813 BLACK		
	O . D	6.00±0.15 mm		



### ELECTRICAL CHARACTERISTICS

USB2.0 UTP		USB3.0 STP*2P																																									
1.Rating Temperature: 80°C Voltage: 30V																																											
2.Conductor Resistance: at 20°Cmax 28AWG: 237.25Ω/km; 24AWG: 93.25Ω/km																																											
3.Insulation resistance: DC-500V 10MΩ -KM MIN at 20°C																																											
4.Propagation Delay Skew<10ps (Full-/High-speed only)																																											
5.Time Delay: 5.2 ns/m (max.)																																											
6.Impedance:90±15%Ω																																											
7.Attenuation(Full/High-speed only):																																											
<table border="1"> <thead> <tr> <th>F(MHz)</th> <th>Attenuat ion(dB)</th> <th>F(MHz)</th> <th>Attenuat ion(dB)</th> <th>F(MHz)</th> <th>Attenuat ion(dB)</th> <th>F(MHz)</th> <th>Attenuat ion(dB)</th> </tr> </thead> <tbody> <tr> <td>0.064</td> <td>0.08</td> <td>1</td> <td>0.20</td> <td>24</td> <td>0.95</td> <td>400</td> <td>5.80</td> </tr> <tr> <td>0.256</td> <td>0.11</td> <td>4</td> <td>0.39</td> <td>48</td> <td>1.35</td> <td></td> <td></td> </tr> <tr> <td>0.512</td> <td>0.13</td> <td>8</td> <td>0.57</td> <td>96</td> <td>1.90</td> <td></td> <td></td> </tr> <tr> <td>0.772</td> <td>0.15</td> <td>12</td> <td>0.76</td> <td>200</td> <td>3.20</td> <td></td> <td></td> </tr> </tbody> </table>				F(MHz)	Attenuat ion(dB)	F(MHz)	Attenuat ion(dB)	F(MHz)	Attenuat ion(dB)	F(MHz)	Attenuat ion(dB)	0.064	0.08	1	0.20	24	0.95	400	5.80	0.256	0.11	4	0.39	48	1.35			0.512	0.13	8	0.57	96	1.90			0.772	0.15	12	0.76	200	3.20		
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- Differential Impedance:  
90±7Ω
- Intra-Pair Skew : 15ps / m
- Attenuation/Insertion Loss:  
1.5dB/2M@0.1GHz  
3.0dB/2M@0.5GHz  
7.5dB/2M@2.5GHz  
25dB/2M@7.5GHz
- Differential to common mode:  
20dB@ 0.1-7.5GHz
- NEXT:  
32dB@0.1GHz  
32dB@2.5GHz  
23dB@3.0GHz  
23dB@7.5GHz



### PHYSICAL PROPERTIES OF JACKET

- Tensile Strength: Unaged: 1500PSI min Aged: 70% min
- Elongation: Unaged: 100% min Aged: 65%
- Heat shock test: NO CRACKING
- Cold bend test: NO CRACKING
- Deformation test: MAX 50%
- Flame test: PASS VW-1

USB 3.0 Cable E119932 AWM 20276 80°C 30V  
VW-1 COPARTNER

