
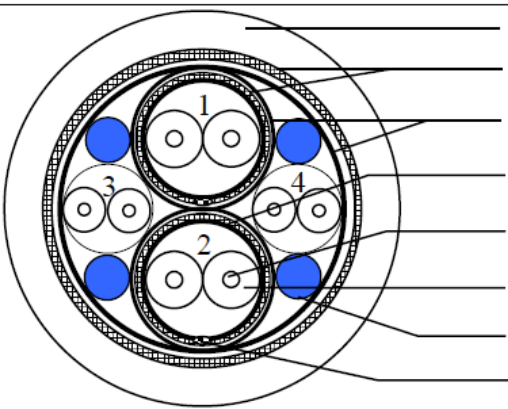


# USB 3.0 Cable Type #: 2

SPECIFICATION:		(1P*26#+ADBP)2C+1P*26#+1P*24#+FPB				CONSTRUCTION D.W.G					
ITEM		SPECIFICATION									
CONDUCTOR	AWG	26AWG	26AWG	24AWG							
	MATERIAL	TINNED COPPER	TINNED COPPER	TINNED COPPER							
	COND.SIZE	19/0.10±0.008 mm	19/0.10±0.008 mm	41/0.08±0.008 mm							
INSULATION	MIN.AVG.THICK	0.23 mm	0.23 mm	0.23 mm							
	MATERIAL	FM-PE+SKIN	HD-PE	HD-PE							
	O . D	1.20±0.10 mm	0.90±0.05 mm	0.95±0.05 mm							
	N O.	1P*2	1P	1P							
Face Outside AL.MYLAR	COVERAGE	100%	/	/							
	OVERLAP	25% MIN	/	/							
DRAIN	MATERIAL	TINNED COPPER									
	SIZE	19/0.08±0.008 mm									
BRAID COPPER	MATERIAL	TINNED COPPER	/	/							
	SIZE	16*6/0.08±0.008MM	/	/							
	COVERAGE	90%MIN	/	/							
Foamed PP film	COVERAGE	100%	/	/							
	OVERLAP	25%MIN	/	/							
	N O.	(1P+ADBP)2C	1P	1P							
Foamed PP film	COVERAGE		100%								
	OVERLAP		25% MIN								
BRAID COPPER	MATERIAL		TINNED COPPER								
	SIZE		16*10/0.08±0.008MM (Coverage : 85%MIN)								
JACKET	MIN.AVG.THICK		0.76 mm								
	MATERIAL		MIXING PVC								
	COLOUR		PURPLE								
	O . D		7.00 ± 0.30 mm								
<b>ELECTRICAL CHARACTERISTICS</b>				<b>PHYSICAL PROPERTIES OF JACKET</b>							
<b>USB2.0 UTP</b>				<b>USB3.0 STP*2P</b>							
1. Rating Temperature: 80°C ; VOLTAGE: 30V 2. Conductor Resistance: at 20°C max 26AWG: 150Ω/km; 3. Insulation Resistance: 10MΩ/km min at 20°C dc 500V 4. Propagation Delay Skew:100ps (Full-/High-speed only) 5. Time Delay: 5.2ns/m(max.) 6. Impedance: 90±15%Ω 7. Attenuation(Full/High-speed only):				1. Differential Impedance:90±7Ω 2. Intra-Pair Skew : 15ps /m 3. Attenuation/Insertion Loss: 1.5dB@0.1GHz 5.0dB@1.25GHz 7.5dB@2.5GHz 25dB@7.5GHz 4. Differential to common mode: 20dB/cable @ 0.1~7.5GHz				<b>MINIMUM BEND RADIUS: 10X O.D.</b>   <b>COMPONENTS EXPRESS, INC.</b> 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517  <b>YS2018111302, 8/12/19</b>			
F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)								
0.064	0.08	24	0.95								
0.256	0.11	48	1.35								
0.512	0.13	96	1.90								
0.772	0.15	200	3.20								
1	0.20	400	5.80								
4	0.39										
8	0.57										
12	0.76										
<b>APPROVED</b>		<b>CUSTOMER</b>									
<b>CHECKED</b>		<b>REV</b>				A / 1					
<b>DRAWING</b>		<b>CHEN</b>		<b>DATE</b>		2018/11/13					




**COLOUR CODE:**

(1P\*26#+ADBP)\*2C:  
 1. YELLOW \* BLUE  
 2. ORANGE \* PURPLE

1P\*26#: 1.GREEN \*WHITE

1P\*24#: 1. BLACK RED

**MINIMUM BEND RADIUS: 10X O.D.**

 **COMPONENTS EXPRESS, INC.**  
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 Woodridge, IL 60517

**YS2018111302, 8/12/19**

<b>APPROVED</b>		<b>CUSTOMER</b>	
<b>CHECKED</b>		<b>REV</b>	
<b>DRAWING</b>		<b>DATE</b>	
	<i>CHEN</i>		2018/11/13