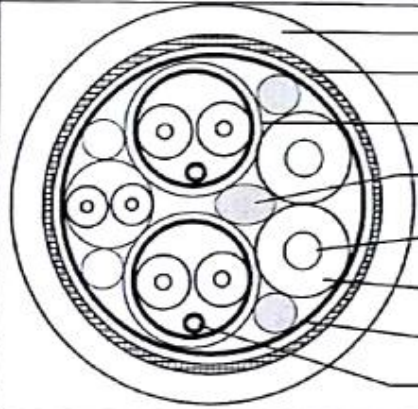


USB 3.0 Cable Type #: 3

SPECIFICATION:		(1P*24#+DAM)2C+1P*26#+2C*18#+F+AL+B / UL2725			CONSTRUCTION D.W.G													
ITEM		SPECIFICATION			 <p>COLOUR CODE:</p> <p>(1P*24#+DAM)2C: 1. YELLOW*BLUE 2. ORANGE*PURPLE</p> <p>1P*26#: GREEN *WHITE</p> <p>2C*18#: 1.BLACK 2.RED</p> <p>MINIMUM BEND RADIUS: 10X O.D.</p> <p>cei COMPONENTS EXPRESS, INC. 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517</p> <p>(E1013), 8/12/19</p>													
CONDUCTOR	AWG	24AWG	26AWG	18AWG														
	MATERIAL	TINNED COPPER	TINNED COPPER	TINNED COPPER														
	COND.SIZE	7/0.20±0.008MM	7/0.16±0.008MM	43/0.16±0.008MM														
INSULATION	MIN.AVG.THICK	0.35MM	0.23MM	0.23MM														
	MATERIAL	FM-PE+SKIN	HD-PE	PVC														
	O . D	1.35±0.10MM	1.00±0.10MM	1.80±0.10MM														
	N O.	1P*2	1P	2C														
DRAIN	AWG	24AWG	/	/														
	MATERIAL	TINNED COPPER	/	/														
	SIZE	7/0.20±0.008MM	/	/														
Face Inside AL.MYLAR	COVERAGE	100%	/	/														
	OVERLAP	25% MIN	/	/														
Hot-MYLAR	COVERAGE	100%	/	/														
	OVERLAP	25%MIN	/	/														
	N O.	(1P+DAM)2C	1P	2C														
Face Outside AL.MYLAR	COVERAGE	100%																
	OVERLAP	25% MIN																
DRAIN	MATERIAL	/																
	SIZE	/																
BRAID COPPER	MATERIAL	TINNED COPPER																
	SIZE	24*9/0.10±0.008MM (COVERAGE :85% MIN)																
JACKET	MIN.AVG.THICK	0.50MM																
	MATERIAL	PVC																
	COLOUR	BLACK																
	O . D	7.50±0.20MM																
ELECTRICAL CHARACTERISTICS		PHYSICAL PROPERTIES OF JACKET			<table border="1"> <tr> <td>APPROVED</td> <td></td> <td>CUSTOMER</td> <td></td> </tr> <tr> <td>CHECKED</td> <td></td> <td>REV</td> <td>A / 1</td> </tr> <tr> <td>DRAWING</td> <td>CHEN</td> <td>DATE</td> <td>2018/5/17</td> </tr> </table>		APPROVED		CUSTOMER		CHECKED		REV	A / 1	DRAWING	CHEN	DATE	2018/5/17
APPROVED		CUSTOMER																
CHECKED		REV	A / 1															
DRAWING	CHEN	DATE	2018/5/17															
USB2.0 UTP		USB3.0 STP*2P																
1. Rating Temperature: 80°C ; VOLTAGE: 30V		1. Differential Impedance:90±7Ω																
2. Conductor Resistance: at 20°Cmax 24AWG: 94.2Ω/km; 18AWG: 23.2Ω/km		2. Intra-Pair Skew : 15ps /m																
3. Insulation Resistance: 10MΩ/km min at 20°C dc 500V		3. Attenuation/Insertion Loss: 1.5dB/1.5M@0.1GHz 5.0dB/1.5M@1.25GHz 7.5dB/1.5M@2.5GHz 25dB/1.5M@7.5GHz																
4. Propagation Delay Skew:100ps (Full-/High-speed only)		4. Differential to common mode: 20dB/cable @ 0.1~7.5GHz																
5. Time Delay: 5.2ns/m(max.)		5. NEXT: 32dB@0.1GHz 32dB@2.5GHz 23dB@3.0GHz 23dB@7.5GHz																
6. Impedance: 90±15%Ω		1. Tensile Strength: Unaged: 1500PSI min Aged: 70% min																
7. Attenuation(Full/High-speed only):		2. Elongation: Unaged: 100% min Aged: 65%																
F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)	3. Heat shock test: NO CRACKING														
0.064	0.08	24	0.95	4. Cold bend test: NO CRACKING														
0.256	0.11	48	1.35	5. Deformation test: MAX 50%														
0.512	0.13	96	1.90	6. Flame test: PASS VW-1														
0.772	0.15	200	3.20															
1	0.20	400	5.80															
4	0.39																	
8	0.57																	
12	0.76																	