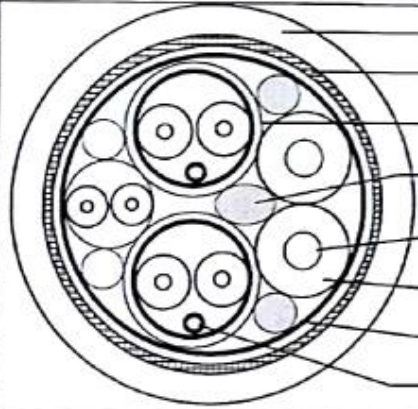


USB 3.0 BitMaxx Cable Type #: 1

SPECIFICATION:		(1P*24#+DAM)2C+1P*26#+2C*18#+F+AL+B / UL2725			CONSTRUCTION D.W.G								
ITEM		SPECIFICATION			 <p>JACKET BRAID COPPER MYLAR FILLER CONDUCTOR INSULATION ALMYLAR DRAIN</p>								
CONDUCTOR	AWG	24AWG	26AWG	18AWG			<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>						
	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									
DRAIN	N O.	1P*2	1P	2C									
	AWG	24AWG	/	/									
	MATERIAL	TINNED COPPER	/	/									
Face Inside AL.MYLAR	SIZE	7/0.20±0.008MM	/	/									
	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									
USB2.0 UTP		USB3.0 STP*2P		JACKET									
1. Rating Temperature: 80°C ; VOLTAGE: 30V 2. Conductor Resistance: at 20°Cmax 24AWG: 94.2Ω/km; 18AWG: 23.2Ω/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/1.5M@0.1GHz 5.0dB/1.5M@1.25GHz 7.5dB/1.5M@2.5GHz 25dB/1.5M@7.5GHz 4. Differential to common mode: 20dB/cable @ 0.1~7.5GHz 5. NEXT: 32dB@0.1GHz 32dB@2.5GHz 23dB@3.0GHz 23dB@7.5GHz		1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min 2. Elongation: Unaged: 100% min Aged: 65% 3. Heat shock test: NO CRACKING 4. Cold bend test: NO CRACKING 5. Deformation test: MAX 50% 6. Flame test: PASS VW-1									
F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)	<p>(E1013), 8-12-19</p>									
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												
APPROVED		CUSTOMER				<table border="1"> <tr> <td>CHECKED</td> <td>REV</td> <td colspan="2">A / 1</td> </tr> <tr> <td>DRAWING</td> <td>CHEN</td> <td>DATE</td> <td>2018/5/17</td> </tr> </table>		CHECKED	REV	A / 1		DRAWING	CHEN
CHECKED	REV	A / 1											
DRAWING	CHEN	DATE	2018/5/17										
CHECKED		REV											
DRAWING		DATE											