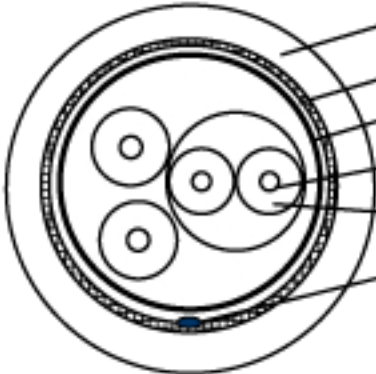



SPECIFICATION:		1P*28AWG +2C*20AWG +AL.Mylar+Drain+Braid /UL2725				CONSTRUCTION D.W.G																																											
ITEM		SPECIFICATION																																															
CONDUCTOR	AWG	28AWG		20AWG																																													
	MATERIAL	TINNED COPPER		TINNED COPPER																																													
	COND.SIZE	7/0.127±0.008 mm		21/0.18±0.008 mm																																													
INSULATION	MIN.AVG.THICK	0.25 mm		0.23 mm																																													
	MATERIAL	HD-PE		SR-PVC																																													
	O . D	0.90± 0.05 mm		1.50± 0.05 mm																																													
	N O.	1P		2C																																													
Face Outside AL.MYLAR	COVERAGE	100%																																															
	OVERLAP	25% MIN																																															
DRAIN	AWG	28AWG																																															
	MATERIAL	TINNED COPPER																																															
	SIZE	7/0.127±0.008 mm×1PC																																															
BRAID COPPER	MATERIAL	TINNED COPPER																																															
	SIZE(COVERAGE)	16 *6/0.10±0.008 mm																																															
JACKET	MIN.AVG.THICK	0.23 mm																																															
	MATERIAL	HALF MATT PVC																																															
	COLOUR	UL813																																															
	O . D	4.80 ± 0.15 mm																																															
ELECTRICAL CHARACTERISTICS						COLOUR CODE:																																											
1. Rating Temperature: 75°C 2. Conductor Resistance: at 20°C max 20AWG: 34.6Ω/km; 28AWG:232Ω/km; 3. Insulation resistance: DC-500V 100MΩ-KM MIN at 20°C 4. Propagation Delay: Full-/high-speed(max):26ns Low-speed(max):18ns 5. Propagation Delay Skew:100ps (Full-/High-speed only) 6. Impedance: 90±15%Ω 7. Common mode Impedance:30±30%Ω 8. Attenuation(Full/High-speed only):						1P*28AWG: GREEN*WHITE 2C*20AWG: 1. RED 2. BLACK																																											
<table border="1"> <thead> <tr> <th>F(MHz)</th> <th>Attenuation(dB)</th> <th>F(MHz)</th> <th>Attenuation(dB)</th> <th>F(MHz)</th> <th>Attenuation(dB)</th> <th>F(MHz)</th> <th>Attenuation(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)	Attenuation(dB)	F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(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			MARKING			
F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)	F(MHz)	Attenuation(dB)																																										
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9.Vbus Voltage drop and GND Voltage drop(max):125mv						TRIPP * LITE USB SHIELDED HIGH SPEED CABLE 2.0 REVISION 28AWG/2C+20AWG/2C E119932  AWM 2725 80°C 30V VW-1 LL84201 CSA AWM I/II A 80°C 30V																																											
PHYSICAL PROPERTIES OF JACKET						REMARK																																											
						PART NO.																																											
APPROVED				CUSTOMER																																													
CHECKED				REV		A																																											
DRAWING				DATE		2004/6/9																																											