

MI Cable Type #: 2 / M8 Cable Type #: 4

SPECIFICATION:		8C*28AWG +AL.MYLAR+DRAIN+BRAID /UL2464		CONSTRUCTION DWG																																																								
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	AWG	28AWG																																																										
	MATERIAL	TINNED COPPER																																																										
INSULATION	COND.SIZE	7/0.127±0.008 mm		COLOR CODE: 1.WHITE 2.BROWN 3.GREEN 4.YELLOW 5.GRAY 6.PINK 7.BLUE 8.RED																																																								
	MIN.AVG.THICK	0.23 mm																																																										
	MATERIAL	SR-PVC																																																										
Face Outside AL.MYLAR	O . D	0.90 ± 0.05 mm		MINIMUM BEND RADIUS: 10X O.D.																																																								
	N O.	8C																																																										
	COVERAGE	100%																																																										
DRAIN	OVERLAP	25% MIN		COMPONENTS EXPRESS, INC. 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517																																																								
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BRAID	SIZE	7/0.127±0.008 mm		93190828*** (E0897), 2/17/22																																																								
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	SIZE	16*8/0.10±0.008 mm 85%MIN																																																										
JACKET	MIN.AVG.THICK	0.76 mm		<table border="1"> <thead> <tr> <th colspan="2">ELECTRICAL CHARACTERISTICS</th> <th colspan="3">PHYSICAL PROPERTIES OF JACKET</th> </tr> <tr> <th colspan="2"></th> <th>STYLE</th> <th>INSULATION</th> <th>JACKET</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1. Rating : TEMP 80°C ; VOLTAGE 300V</td> <td rowspan="2">2. Conductor Resistance: at 20°C MAX 28AWG: 237.25Ω/km;</td> <td>Tensile</td> <td>Unaged</td> <td>MIN 3000PSI</td> <td>MIN 1500PSI</td> </tr> <tr> <td>Strength</td> <td>Aged</td> <td>MIN 70%</td> <td>MIN 70%</td> </tr> <tr> <td rowspan="2">3. Insulation Resistance: 10MΩ-km min at 20°C dc 500V.(EIA-364-21)</td> <td rowspan="2">4. Dielectric Strength AC 1500V/1minute no breakdown. (EIA-364-20)</td> <td rowspan="2">Elongation</td> <td>Unaged</td> <td>MIN 100%</td> <td>MIN 100%</td> </tr> <tr> <td>Aged</td> <td>MIN 70%</td> <td>MIN 65%</td> </tr> <tr> <td colspan="2">Heat shock test</td> <td colspan="2">NO CRACKING</td> <td>NO CRACKING</td> </tr> <tr> <td colspan="2">Cold bend test</td> <td colspan="2">NO CRACKING</td> <td>NO CRACKING</td> </tr> <tr> <td colspan="2">Deformation test</td> <td colspan="2">MAX 50%</td> <td>MAX 50%</td> </tr> <tr> <td colspan="2">Flame retardant test</td> <td colspan="2">PASS UL VW-1</td> <td>PASS UL VW-1</td> </tr> </tbody> </table>	ELECTRICAL CHARACTERISTICS		PHYSICAL PROPERTIES OF JACKET					STYLE	INSULATION	JACKET	1. Rating : TEMP 80°C ; VOLTAGE 300V	2. Conductor Resistance: at 20°C MAX 28AWG: 237.25Ω/km;	Tensile	Unaged	MIN 3000PSI	MIN 1500PSI	Strength	Aged	MIN 70%	MIN 70%	3. Insulation Resistance: 10MΩ-km min at 20°C dc 500V.(EIA-364-21)	4. Dielectric Strength AC 1500V/1minute no breakdown. (EIA-364-20)	Elongation	Unaged	MIN 100%	MIN 100%	Aged	MIN 70%	MIN 65%	Heat shock test		NO CRACKING		NO CRACKING	Cold bend test		NO CRACKING		NO CRACKING	Deformation test		MAX 50%		MAX 50%	Flame retardant test		PASS UL VW-1		PASS UL VW-1	<table border="1"> <thead> <tr> <th>APPROVED</th> <th>CUSTOMER</th> </tr> </thead> <tbody> <tr> <td>CHECKED</td> <td>REV A</td> </tr> <tr> <td>DRAWING</td> <td>DATE 16/11/08</td> </tr> </tbody> </table>	APPROVED	CUSTOMER	CHECKED	REV A	DRAWING	DATE 16/11/08
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