

MVC-Cable Type #: 2

SPECIFICATION:		(1P*28#+AL)*11C+2C*24#+2D+ FEP tape + Free-edge-AL-MYLAR +B		CONSTRUCTION D.W.G												
ITEM		SPECIFICATION														
CONDUCTOR	AWG	28AWG	24AWG			COLOUR CODE: (1P+AL)*11C: 1.white*white/black 2. white*white/red 3. white*white/green 4. white*white/blue 5. white*white/purple 6. white*white/gray 7. white*white/yellow 8. white*white/orange 9. white*white/brown 10. white/blue*white/green 11. white/black*white/red 2C*24#:12.red 13.black										
	MATERIAL	TINNED COPPER	TINNED COPPER													
	COND.SIZE	19/0.08± 0.008 mm	19/0.127± 0.008 mm													
INSULATION	MIN.AVG.THICK	0.25 mm	0.25 mm													
	MATERIAL	FM-PE+SKIN	SR-PVC													
	O . D	1.02± 0.05 mm	1.10± 0.05 mm													
Face Outside AL.Mylar	COVERAGE	100%	/													
	OVERLAP	25% MIN	/													
	N O.	(1P+AL)*11C	2C													
DRAIN	AWG		24AWG													
	MATERIAL		TINNED COPPER													
	SIZE		19/0.127± 0.008 mmx2PCS													
FEP tape	COVERAGE		100%													
	OVERLAP		25% MIN													
Free-edge-AL-MYLAR	COVERAGE		100%													
	OVERLAP		25% MIN													
DRAIN	AWG		/													
	MATERIAL		/													
	SIZE		/													
BRAID COPPER	MATERIAL		TINNED COPPER													
	SIZE		24*10/0.12± 0.008 mm 90% MIN													
JACKET	MIN.AVG.THICK		0.51 mm													
	MATERIAL		HALF MATT PVC -20°C~80°C													
	COLOUR		UL813													
	O . D		9.50 ± 0.20 mm													
ELECTRICAL CHARACTERISTICS		PHYSICAL PROPERTIES OF JACKET		<div style="text-align: center;"> COMPONENTS EXPRESS, INC. 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517 </div> <div style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 20px;">206594006900</div>												
1. Rating: TEMP 80°C ; VOLTAGE 30V		1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min														
2. Conductor Resistance: at 20°C MAX 28AWG: 237.25Ω/km; 24AWG: 93.25Ω/km		2. Elongation: Unaged: 100% min Aged: 65%														
3. Insulation Resistance: 28AWG 100MΩ-km min at 20°C 24AWG 10MΩ-km min at 20°C		3. Heat shock test: NO CRACKING														
4. Dielectric Strength: AC 500V/1minute no breakdown.		4. Cold bend test: NO CRACKING														
5. Impedance: 100±10Ω		5. Deformation test: MAX 50%														
6.Time Delay Skew: within a pair(max) 50ps/M;		6. Flame test: PASS VW-1														
7.Delay Max 5.20ns/m				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">APPROVED</td> <td style="width: 25%;"></td> <td style="width: 25%;">CUSTOMER</td> <td style="width: 25%;"></td> </tr> <tr> <td>CHECKED</td> <td></td> <td>REV</td> <td style="text-align: center;">A</td> </tr> <tr> <td>DRAWING</td> <td style="text-align: center;"><i>CWJ</i></td> <td>DATE</td> <td style="text-align: center;">16/11/03</td> </tr> </table>	APPROVED		CUSTOMER		CHECKED		REV	A	DRAWING	<i>CWJ</i>	DATE	16/11/03
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