


# MVC-Cable Type #: 4

SPECIFICATION:		(1P*30#+AL)*11C+2C*28#+2D+ FEP tape +M +AL+B		CONSTRUCTION D.W.G													
ITEM		SPECIFICATION															
CONDUCTOR	AWG	30AWG	28AWG			<b>COLOUR CODE:</b> (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*28#: 12.black 13.red											
	MATERIAL	TINNED COPPER	TINNED COPPER														
	COND.SIZE	19/0.06± 0.008 mm	19/0.08± 0.008 mm														
INSULATION	MIN.AVG.THICK	0.20 mm	0.10 mm														
	MATERIAL	FM-PE+SKIN	SR-PVC														
	O . D	0.78± 0.05 mm	0.65± 0.05 mm														
Face Outside AL.Mylar	COVERAGE	100%	/														
	OVERLAP	25% MIN	/														
	N O.	(1P+AL)*11C	2C														
DRAIN	AWG		28AWG														
	MATERIAL		TINNED COPPER														
	SIZE		19/0.08± 0.008 mm×2PCS														
FEP tape	COVERAGE		100%	 <b>COMPONENTS EXPRESS, INC.</b> 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517  <b>96599261002</b>													
Mylar	COVERAGE		100%														
	OVERLAP		25% MIN														
Face Outside AL.Mylar	COVERAGE		100%														
	OVERLAP		25% MIN														
DRAIN	MATERIAL		/														
	SIZE		/														
BRAID COPPER	MATERIAL		TINNED COPPER														
	SIZE		16*11/0.12± 0.008 mm														
JACKET	MIN.AVG.THICK		0.51 mm														
	MATERIAL		MATT PVC														
	COLOUR		UL813 BLACK														
	O . D		7.60 ± 0.20 mm														
<b>ELECTRICAL CHARACTERISTICS</b>		<b>PHYSICAL PROPERTIES OF JACKET</b>		<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</td> </tr> <tr> <td>DRAWING</td> <td>CWJ</td> <td>DATE</td> <td>2017.02.15</td> </tr> </table>		APPROVED		CUSTOMER		CHECKED		REV	A	DRAWING	CWJ	DATE	2017.02.15
APPROVED		CUSTOMER															
CHECKED		REV	A														
DRAWING	CWJ	DATE	2017.02.15														
1. Conductor Resistance: at 20°C MAX 30AWG: 376.96Ω/km: 28AWG: 237.25Ω/km:		1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min															
2. Insulation Resistance: 30AWG 100MΩ-km min at 20°C dc 500V 28AWG 10MΩ-km min at 20°C dc 500		2. Elongation: Unaged: 100% min Aged: 65%															
3. Dielectric Strength: AC 500V/1minute no breakdown.		3. Heat shock test: NO CRACKING															
4. Impedance: 100±10Ω		4. Cold bend test: NO CRACKING															
5.Time Delay Skew: within a pair(max) 50ps/M;		5. Deformation test: MAX 50%															
		6. Flame test: PASS VW-1															