

DRAWING NO. 10033647		7		6		5		4		3		2		1	
CATALOG NUMBER	CONDUCTOR RANGE CABLE		DIMENSIONS		COLOR CODE	DIE INDEX	RECOMMENDED INSTALLATION TOOLING		WIRE STRIP LENGTH						
			HYPRESS™ (# OF CRIMPS)												
			OUR840, Y500CTHS PAT600, MD6, PATMD6				Y35, Y39,Y750 Y46, PAT46, PAT750								
YSCM17	13,060	16,910	.50 [13]	.27 [7]	RED	49	X8CRT (1), W8CRT (1)	U8CRT (1)	11/16"						
YSCM27	16,910	26,890	.50 [13]	.31 [8]	BLUE	7	X5CRT (1), W5CRT (1)	U5CRT (1)	11/16"						
YSCM42	29,970	41,520	.50 [13]	.38 [10]	GRAY	8	X4CRT (1), W4CRT (1)	U4CRT (1)	11/16"						
YSCM66	42,750	66,040	.62 [16]	.47 [12]	BROWN	10	X2CRT (1), W2CRT (1)	U2CRT (1)	3/4"						
YSCM80	67,980	80,020	.62 [16]	.52 [13]	GREEN	11	X1CRT1 (1), W1CRT1 (1)	U1CRT1 (1)	3/4"						
YSCM104	82,870	103,630	.69 [18]	.57 [14]	PINK	12	X25RT (2), W25RT (2)	U25RT (1)	15/16"						
YSCM133	104,960	133,220	.81 [21]	.64 [16]	BLACK	13	X26RT (2), W26RT (2)	U26RT (1)	1-1/16"						
YSCM167	134,340	166,560	.81 [21]	.70 [18]	ORANGE	14	X27RT (3), W27RT (2)	U27RT (1)	1-1/16"						
YSCM212	167,380	211,820	.88 [22]	.78 [20]	PURPLE	15	X28RT (3), W28RT (2)	U28RT (1)	1-1/16"						
YSCM231	230,800	230,800	1.05 [27]	.80 [20]	YELLOW	16	X29RT (4), W29RT (3)	U29RT (1) MY293 (1)	1-1/16"						
STRANDED COPPER WIRE (ASTM B8 EXCLUDING BREAKING LOADS)															
SIZE		A.S.T.M. STRANDINGS			SIZE		A.S.T.M. STRANDINGS								
STRANDED		CLASS	NO. OF WIRES	CABLE DIAMETER INCHES	STRANDED		CLASS	NO. OF WIRES	CABLE DIAMETER INCHES						
CIRCULAR MILLS	AWG				CIRCULAR MILLS	AWG									
1,022	20	B	7	0.036	3	52,630	3	B&A	7	0.260					
1,624	18	B	7	0.045	6	66,370	2	AA	3	0.320					
						66,370	2	B&A	7	0.292					
2,583	16	B	7	0.057	6	83,690	1	AA	3	0.360					
4,107	14	B	7	0.072	6	83,690	1	A	7	0.328					
6,530	12	B	7	0.091	5	83,690	1	B	19	0.332					
10,380	10	B	7	0.116											
13,090	9	B	7	0.130		105,500	1/0	A&A	7	0.368					
16,510	8	B	7	0.146		105,500	1/0	--	12	0.390					
						105,500	1/0	B	19	0.373					
20,820	7	B	7	0.164		133,100	2/0	A&A	7	0.414					
26,250	6	B	7	0.184		133,100	2/0	--	12	0.438					
33,100	5	B	7	0.206		133,100	2/0	B	19	0.419					
41,740	4	AA	3	0.254											
41,740	4	B&A	7	0.232		167,800	3/0	A&A	7	0.464					
52,630	3	AA	3	0.285		167,800	3/0	--	12	0.492					
						167,800	3/0	B	19	0.470					
						211,600	4/0	A&A	7	0.522					
						211,600	4/0	--	12	0.522					
						211,600	4/0	B	19	0.528					
NOTES:															
1. MATERIAL: COPPER PER ASTM B75.															
2. FINISH: TIN PLATED FOR NICKEL PLATING AT MINIMUM 200 MICRO INCHES THICK, ADD SUFFIX "NK" TO THE CAT. NO.															
3. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.															
4. RECOMMENDED STRIP LENGTH. STRIP LENGTH DEPENDENT ON SIZE, NO. OF WIRES AND INSULATION THICKNESS.															
5. REFER TO CIRCULAR MIL TABLE FOR TOTAL CLASS B CIRCULAR MIL CALCULATIONS.															
6. ONE CIRCULAR MIL COMBINATION FOR THIS SIZE (1-#10, 2-#6, 2-#1 AWG ONLY).															
7. ALTERNATE MY29-3 TOOL APPROVED.															
8. cULus LISTED WIRE CONNECTOR.															
9. cULus LISTED FOR GROUNDING AND BONDING.															
8		7		6		5		4		3		2		1	

REV	DATE	DESCRIPTION	ECO	BY	C'K'K.
G	2024-12-23 23:00:00 EST	NOTE 10 AND FLAG ADDED	241218044765	YR	MM

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