

E756835

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REV.	DATE	REVISION DESCRIPTION	BY	CHKD.
8	9/9/84	REMOVED NOTE 2. YABC-LB COLOR WAS PURPLE (PCN 416)	JG	KH

COPPER CABLE

COMMERCIAL CABLE	NAVY CABLE	FLEXIBLE / EXTRA FLEXIBLE CABLE					LOCOMOTIVE CABLE	METRIC CABLE	STUD SIZE M/M INCH
CLASS G"	CLASS H"	CLASS I"	CLASS K"	CLASS M"					
#8 STR	N23(7)	#8 (49 STR)	#8 (133 STR)	#8 (168/30)	#8 (420/34)	#8 (37/24)		10mm ² (7.5 STR)	#10
#5 STR	N30(19)	#6 (49 STR)	#6 (133 STR)	#6 (63/24)	#6 (266/30)	#6 (665/34)	#6 (61/24)	16mm ² (7.5 STR)	M6 1/4
#4 STR	N40(19)	#5 (49 STR)	#5 (133 STR)	#5 (84/24)	#5 (336/30)	#5 (836/34)	#5 (91/24)	25mm ² (19.5 STR)	M8 5/16
#3 STR	N50(19)	#4 (49 STR)	#4 (133 STR)	#4 (105/24)	#4 (420/30)	#4 (1064/34)	#4 (105/24)	35mm ² (19.5 STR)	M10 3/8
#2 STR	N60(37)	#3 (49 STR)	#3 (133 STR)	#3 (133/24)	#3 (532/30)	#3 (1323/34)	#3 (125/24)	50mm ² (19.5 STR)	M12 1/2
#1 STR	N75(37)	#2 (49 STR)	#2 (133 STR)	#2 (161/24)	#2 (665/30)	#2 (1666/34)	#2 (150/24)	70mm ² (19.5 STR)	M16 5/8
1/0 STR	N100(61)	#1 (133 STR)	#1 (259 STR)	#1 (210/24)	#1 (836/30)	#1 (2107/34)	#1 (225/24)	95mm ² (9.37 STR)	
2/0 STR	N125(61)	1/0 (133 STR)	1/0 (259 STR)	1/0 (266/24)	1/0 (1064/30)	1/0 (2646/34)	1/0 (275/24)	120mm ² (37 STR)	
3/0 STR	N150(61)	2/0 (133 STR)	2/0 (259 STR)	2/0 (342/24)	2/0 (1323/30)	2/0 (3325/34)	2/0 (325/24)	150mm ² (37 STR)	
4/0 STR	N200(61)	3/0 (133 STR)	3/0 (259 STR)	3/0 (418/24)	3/0 (1666/30)	3/0 (4256/34)	3/0 (450/24)	185mm ² (37 STR)	
250 kcmil	N250(61)	4/0 (133 STR)	4/0 (259 STR)					240mm ² (61 STR)	
300 kcmil	N300(91)							300mm ² (61 STR)	
350 kcmil	N350(91)							400mm ² (61 STR)	
400 kcmil	N400(91)							500mm ² (61 STR)	
500 kcmil								600mm ² (61 STR)	
600 kcmil								700mm ² (61 STR)	
700 kcmil								800mm ² (61 STR)	
750 kcmil								900mm ² (61 STR)	
800 kcmil								1000mm ² (61 STR)	
1000 kcmil									

CAT. NO.	B MIN.	C	K	L	N	O.D.	T REF.	Z MIN.	DIE INDEX	COLOR CODE
YA8C-LB	11.2 .44	10.4 .41	5.03 .198	2.84 .112	5.1 .20	6.9 .27	2.0 .08	7.19 .283	49 10/3	BLUE
YA5C-LB	20.6 .81	11.2 .44	6.91 .272	43.9 .173	7.9 .31	7.6 .30	1.8 .07	8.33 .328	7 10/4	GRAY
YA4C-LB	20.6 .81	12.7 .50	6.91 .272	43.9 .173	7.9 .31	8.6 .34	2.3 .09	8.33 .328	8 10/5	WHITE
YA3C-LB	22.4 .88	14.0 .55	8.41 .331	48.8 .192	8.6 .34	9.7 .38	2.3 .09	9.12 .359	9 10/6	BROWN
YA2C-LB	22.1 .87	15.5 .61	8.41 .331	49.3 .194	8.6 .34	10.7 .42	2.8 .11	9.12 .359	10 10/7	GREEN
YA1C-LB	22.1 .87	17.3 .68	8.41 .331	50.0 .197	8.6 .34	11.7 .46	2.5 .10	9.12 .359	11 10/8	PINK
YA25-LB	22.1 .87	19.1 .75	8.41 .331	51.3 .202	8.6 .34	13.0 .51	3.0 .12	9.12 .359	12 10/9	BLACK
YA26-LB	23.6 .93	21.1 .83	10.11 .398	57.4 .226	10.4 .41	14.2 .56	3.0 .12	10.7 .420	13 10/10	ORANGE
YA27-LB	25.1 .99	23.1 .91	13.34 .525	66.3 .261	13.5 .53	15.7 .62	3.0 .12	13.89 .547	14 10/11	PURPLE
YA28-LB	24.9 .98	25.9 .102	13.34 .525	67.3 .267	13.5 .53	16.5 .69	3.6 .14	13.89 .547	15 10/12	YELLOW
YA29-LB	26.4 .104	28.2 .111	13.34 .525	70.4 .277	13.5 .53	19.1 .75	4.1 .16	13.89 .547	16 10/13	WHITE
YA30-LB	26.4 .104	30.5 .120	13.34 .525	71.6 .282	13.5 .53	20.6 .81	4.1 .16	13.89 .547	17 10/14	RED
YA31-LB	27.9 .110	32.8 .129	13.34 .525	74.4 .293	13.5 .53	22.4 .88	4.6 .18	13.89 .547	18 10/15	BLUE
YA32-LB	28.7 .117	35.6 .140	17.48 .688	84.1 .331	16.8 .66	24.1 .95	4.8 .19	17.0 .67	19 10/16	BROWN
YA34-LB	34.3 .135	38.6 .152	17.48 .688	90.4 .356	16.8 .66	26.9 .106	5.8 .23	17.0 .67	20 10/17	GREEN
YA36-LB	42.2 .166	42.9 .169	17.5 .69	97.3 .383	22.4 .88	30.2 .119	6.6 .26	22.1 .87	22 10/18	PINK
YA38-LB	47.0 .185	46.0 .181	17.5 .69	109.5 .431	22.4 .88	31.8 .125	6.9 .27	22.1 .87	24 10/19	BLACK
YA39-LB	47.0 .185	48.0 .189	17.5 .69	108.5 .428	22.4 .88	33.0 .130	6.9 .27	26.9 .106	25 10/20	ORANGE
YA40-LB	47.0 .185	49.5 .195	17.5 .69	108.5 .427	23.9 .94	34.3 .133	7.6 .30	25.4 .100	26 10/21	WHITE
YA44-LB	47.0 .185	55.1 .217	17.5 .69	114.3 .450	23.9 .94	38.1 .150	8.4 .33	30.0 .118	27 10/22	

INSTALLATION TOOLING

HYDRAULIC TOOLS					MY29-11 HYTOOL		CABLE STRIP LENGTH	
DIES AND NUMBER OF CRIMPS					ONE CRIMP REQUIRED	CU. TERMINAL VINE MACHINE		
DIE TYPE	Y35	Y39	Y45	Y46	SETTING	CABLE SETTING		
DIE SET	USCRT	USCRT	USCRT	USCRT	8		11.2	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		8	7/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	6		22.4	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		6	7/8	
DIE SET	USCRT	USCRT	USCRT	USCRT	4		22.4	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		4	7/8	
DIE SET	USCRT	USCRT	USCRT	USCRT	3-2		23.9	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		3-2	15/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	1		23.9	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		1	15/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	1/0		23.9	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		1/0	15/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	2/0		25.4	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2/0	1	
DIE SET	USCRT	USCRT	USCRT	USCRT	3/0		26.9	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		3/0	1/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	4/0		26.9	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		4/0	1/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	2.50		26.9	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2.50	1/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	2		28.4	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2	1/8	
DIE SET	USCRT	USCRT	USCRT	USCRT	2		30.2	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2	13/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	2		31.8	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2	1/4	
DIE SET	USCRT	USCRT	USCRT	USCRT	2		36.6	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2	1/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	2		44.5	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		2	1/4	
DIE SET	USCRT	USCRT	USCRT	USCRT	3		49.3	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		3	15/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	3		49.3	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		3	15/16	
DIE SET	USCRT	USCRT	USCRT	USCRT	4		49.3	
NEXT INDENTOR	UYBL	UYBL	UYBL	UYBL		4	15/16	

NOTES:

- YABC-LB IS NOT COLOR CODED.
- SIZES 36 AND SMALLER ARE COLOR CODE INK MARKED COMPLETELY AROUND BARREL. SIZES 37 AND LARGER ARE COLOR CODE INK MARKED FOR 150° CIRCUMFERENTIALLY ON THE TOP OF THE BARREL.
- TYPE Y3AP... INDENTOR WITH ADAPTER Y35P3.
- U-DIES WITH ADAPTER PT-6315.
- U-DIES WITH ADAPTER P-UADP.
- LETTERING ON TONGUE REFERS TO FLEXIBLE/EXTRA FLEXIBLE CABLE SIZES ACCOMMODATED AND APPLICABLE DIE INDEX NUMBER.
- LETTERING INFORMATION ON NATIONAL ELECTRIC CODE CONDUCTORS ACCOMMODATED IS ON COLOR CODED BARREL.
- THIS BELLED CONNECTOR LINE IS LISTED BY UL AND IS INCLUDED IN CSA APPROVAL.
- THE MINIMUM AS LISTED LESS .030
- MEASURED TO THE SHORTEST POINT ON THE BELL.

CATALOG NUMBER	TOLERANCE ALLOWANCE				
	B	C	K	L	N
YA8C-LB	± .08	± .05	± .05	± .08	± .05
YA25-LB	± .03	± .02	± .07	± .03	± .006
YA26-LB	± .08	± .05	± .05	± .08	± .020
YA34-LB	± .03	± .02	± .10	± .03	± .008
YA36-LB	± .15	± .05	± .38	± .15	± .025
YA44-LB	± .06	± .02	± .15	± .06	± .010

MATERIAL:
COPPERFINISH:
TIN PLATEDREFERENCE:
FD89524

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COPPER BELLED HYULG

CAT. NO. YA--LB (TABLE)

U.S. G-9-84

SHEET 1 OF 1

SHEET 1 OF 1

LINEAR MEASURE

THIRD ANGLE PROJECTION

SHEET 1 OF 1

SHEET 1 OF 1