



COPPER COMPRESSION LUGS & SPLICES
UL APPROVED TOOL & DIE INFORMATION

COMPACT, CONCENTRIC OR COMPRESSED CLASS B, C,
FLEX CLASS G, H, I, K, M & DLO CONDUCTOR, COPPER CONDUCTORS ONLY

- 1. Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table.
- 2. Strip the insulation from the cable to a length so that the stripped area of the cable can be completely inserted into and fill the barrel of the lug or splice. Carefully strip the insulation from the cable without nicking the strands.
- 3. Wire brush the stripped portion of the cable to remove oxide films.
- 4. The stripped portion of the cable must be clean and inserted completely into the connector barrel.
- 5. Using the tool and die combination specified for that connector in the table below, install crimps, leaving a space of 1/8 inch minimum between successive crimps.



SCAN FOR CRIMP LOCATIONS,
FULL INSTRUCTIONS & MOST CURRENT TOOLING

IMPORTANT: (#) IN PARENTHESES = NUMBER OF CRIMPS FOR SHORT BARREL
LONG BARREL REQUIRES DOUBLE THIS NUMBER

CU CODE WIRE LUG SIZE	FLEX WIRE SIZE	COLOR CODE	STRIP LENGTH (INCHES)				EXPANDED WIRE RANGE ³
			LONG BARREL LUGS ² L, LN, L-B, L-NB, SL-N	SHORT BARREL LUGS GL, GL-N, GL-B, GL-NB	LONG BARREL SPLICE ^{1,2} C	SHORT BARREL SPLICE ¹ SC, SC-B	
8 AWG	8 AWG	RED	7/8	1/2	15/16	1/2	8 AWG
6 AWG	6 AWG	BLUE	1-1/16	5/8	15/16	9/16	6-8 AWG
4 AWG	4 AWG	GRAY	1-1/16	7/8	15/16	9/16	4-6 AWG
3 AWG	4 AWG	WHITE	1-3/16	15/16	1	11/16	3-6 AWG
2 AWG	3 AWG	BROWN	1-3/16	15/16	1	11/16	2-6 AWG
1 AWG	2 AWG	GREEN	1-3/16	15/16	1-3/16	15/16	1-6 AWG
1/0 AWG	1 AWG	PINK	1-5/16	15/16	1-3/16	7/8	1/0-6 AWG
2/0 AWG	1/0 AWG	BLACK	1-1/2	1	1-3/16	15/16	2/0-4 AWG
3/0 AWG	2/0 AWG	ORANGE	1-1/2	1-1/16	1-3/16	15/16	3/0-2 AWG
4/0 AWG	3/0 AWG	PURPLE	1-1/2	15/16	1-7/16	1	4/0-1 AWG
250 MCM	4/0 AWG	YELLOW	1-11/16	1-1/8	1-11/16	1-1/16	250 MCM-1/0 AWG
300 MCM	250 MCM	WHITE	2-1/16	1-1/8	1-13/16	1-1/8	300 MCM-2/0 AWG
350 MCM	250/262 MCM	RED	2-1/16	1-3/16	1-15/16	1-1/8	350 MCM-3/0 AWG
400 MCM	300/313 MCM	BLUE	2-1/16	1-1/4	1-15/16	1-3/16	400 MCM-4/0 AWG
500 MCM	350/373 MCM	BROWN	2-5/16	1-5/16	2-3/16	1-5/16	500-250 MCM
600 MCM	444 MCM	GREEN	2-5/16	1-7/16	2-5/16	1-5/16	600-250 MCM
700 MCM	535 MCM	PINK	2-3/4	1-7/16	2-7/16	1-11/16	700-500 MCM
750 MCM	600/646 MCM	BLACK	2-3/4	1-1/2	2-7/16	1-11/16	750-500 MCM
1000 MCM	777 MCM	WHITE	3-1/4	1-11/16	3-1/8	1-15/16	1000-750 MCM
¹ Splices require (#) of crimps per side. ² Long Barrel lugs and splices require 2x (#) of crimps listed in the Tool & Die info.							
³ With dieless tools and code wire only.							

TOOL AND DIE INFO, (# OF CRIMPS FOR SHORT BARREL) ² LONG BARREL REQUIRE DOUBLE (#) OF CRIMPS FOR DIE TAKING TOOLS													
CU CODE WIRE LUG SIZE	GREENLEE/NSI 1240 SERIES W/ GREENLEE KC12 DIES	GREENLEE HK12ID & NSI 12ID DIELESS TOOL	GREENLEE EK6FTL, HK06FT, RK06FT DIELESS TOOL	MILWAUKEE 2679 6-TON 49-16-DIES CODE WIRE ONLY ⁶	MILWAUKEE 2779 12-TON 49-12-DIES CODE WIRE ONLY ⁶	MILWAUKEE 2877-22 DIELESS TOOL	BURNDY Y35, Y39, Y750, PAT750 W/ BURNDY DIES [INDEX #]	BURNDY PAT444S DIELESS TOOL	BURNDY PAT81K2, Y81K2, Y81K2MBH DIELESS TOOL	ILSCO ILC-12 SERIES W/ ILD CU DIES	T&B 13100A, TBM14, TBM15, W/ T&B DIES	HUSKIE EP510 W/ HUSKIE HT41 DIES	DEWALT DCE350 DIELESS TOOL
8 AWG	KC12-8 (1)	N/A	N/A	U008C(1)	U008C(1)	N/A	U8CRT (1)	N/A	(1) ⁵	21 (1)	15520 (2)	N/A	N/A
6 AWG	KC12-6 (1)	(1)	(1)	U006C(1)	U006C(1)	(1)	U5CRT[7] (1)	N/A	(1) ⁵	24 (1)	15522 (2)	HT41AT (2)	(1)
4 AWG	KC12-4 (1)	(1)	(1)	U004C(1)	U004C(1)	(1)	U4CRT[8] (1)	(1)	(1) ⁵	29 (1)	15527-CK (2)	HT41AU (2)	(1)
3 AWG	KC12-4 (1)	(1)	(1)	N/A	N/A	(1)	U3CRT[10] (1)	(1)	(1) ⁵	29 (1)	15527(2)	HT41AV (2)	(1)
2 AWG	KC12-2 (1)	(1)	(1)	U002C(1)	U002C(1)	(1)	U2CRT[10] (1)	(1)	(1) ⁵	33 (1)	15528 (2)	HT41AW (2)	(1)
1 AWG	KC12-1 (2)	(1)	(1)	U001C(1)	U001C(1)	(1)	U1CRT[[11] (1)	(1)	(1) ⁵	37 (1)	15513-CK (2)	HT41AX(2)	(1)
1/0 AWG	KC12-1/0 (1)	(1)	(1)	U01AC(1)	U01AC(1)	(1)	U25RT[12] (2)	(1)	(1) ⁵	42 (2)	15508 (2)	HT41AY (2)	(1)
2/0 AWG	KC12-2/0 (1)	(1)	(1)	U02AC(1)	U02AC(2)	(1)	U26RT[13] (2)	(1)	(1)	45 (2)	15526 (2)	HT41AZ (2)	(1)
3/0 AWG	KC12-3/0 (1)	(1)	(1)	U03AC(1)	U03AC(2)	(1)	U27RT[14] (2)	(1)	(1)	50 (2)	15530 (2)	HT41BA (2)	(1)
4/0 AWG	KC12-4/0 (1)	(1)	(1)	U04AC(1)	U04AC(2)	(1)	U28RT[15] (2)	(1)	(1)	54 (2)	15511 (2)	HT41BC (2)	(1)
250 MCM	KC12-250 (1)	(1)	(1)	U250C(1)	U250C(2)	(1)	U29RT[16] (2)	(1)	(1)	62 (2)	15510-CK (2)	HT41BE (2)	(1)
300 MCM	KC12-300 (1)	(1)	(1) ⁴	U300C(2)	U300C(2)	(1)	U30RT[17] (2)	(1) ⁴	(1) ⁴	66 (2)	15534 (2)	HT41BF (2)	(1) ⁴
350 MCM	KC12-350 (1)	(1)	(1) ⁴	U350C(2)	U350C(2)	(1)	U31RT[18] (2)	(1) ⁴	(1) ⁴	71 (2)	15514-CK (2)	HT41BJ (2)	(1) ⁴
400 MCM	KC12-400 (1)	(1)	(1) ⁴	U400C(2)	U400C(2)	(1)	U32RT[18] (2)	(1) ⁴	(1) ⁴	76 (2)	15512 (2)	HT41BK (2)	(1) ⁴
500 MCM	KC12-500 (2)	(1)	(1) ⁴	U500C(2)	U500C(2)	(1)	U34RT[20] (2)	(1) ⁴	(1) ⁴	87 (2)	15506 (2)	HT41BL (2)	(1) ⁴
600 MCM	KC12-600 (1)	(1)	(1) ⁴	U600C(2)	U600C(2)	(1)	U36RT[22] (2)	(1) ⁴	(1) ⁴	94 (2)	15536-CK (2)	HT41BM (2)	(1) ⁴
700 MCM	N/A	(1)	(1) ⁴	N/A	N/A	(1)	U38XRT [L99] (2)	(1) ⁴	(1) ⁴	N/A	15505 (2)	N/A	(1) ⁴
750 MCM	KC12-750 (1)	(1)	(1) ⁴	U750C(2)	U750C(3)	(1)	U39RT[24] (2)	(1) ⁴	(1) ⁴	106 (2)	15515-CK (2)	HT41BP (2)	(1) ⁴
1000 MCM	N/A	(1)	N/A	N/A	N/A	N/A	P44RT (2) ⁷	(1) ⁴	(1) ⁴	125 (2)	15603 (2) ⁷	HT61BU (2) ⁷	N/A



ALUMINUM COMPRESSION LUGS & SPLICES
UL APPROVED TOOL & DIE INFORMATION

COMPACT, CONCENTRIC OR COMPRESSED
CLASS B, C COPPER AND ALUMINUM CONDUCTORS

- 1. Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table below.
- 2. Strip the insulation from the cable to a length so that the stripped area of the cable can be completely inserted into and fill the barrel of the lug or splice.
- 3. Carefully strip the insulation from the cable without nicking the strands.
- 4. Wire brush the stripped portion of the cable to remove oxide films.
- 5. The stripped portion of the conductor must be clean and inserted completely into the connector barrel.
- 6. Using the tool and die combination specified in the table below, install 2 crimps, leaving a space of 1/8 inch minimum between successive crimps.



SCAN FOR CRIMP LOCATIONS,
FULL INSTRUCTIONS & MOST CURRENT TOOLING

IMPORTANT: (#) IN PARENTHESES = NUMBER OF CRIMPS FOR SHORT BARREL

AL/CU CODE WIRE LUG SIZE	COLOR CODE	STRIP LENGTH (INCHES)		EXPANDED WIRE RANGE²
		LONG BARREL LUGS	LONG BARREL SPLICE¹	
8 AWG	BLUE	5/8	3/4	8 AWG
6 AWG	GRAY	15/16	7/8	6-8 AWG
4 AWG	GREEN	1-3/16	1-1/16	4-6 AWG
2 AWG	PINK	1-1/4	1-1/4	2-6 AWG
1 AWG	GOLD	1-1/4	1-1/4	1-6 AWG
1/0 AWG	TAN	1-1/4	1-5/16	1/0-6 AWG
2/0 AWG	OLIVE	1-3/8	1-3/8	2/0-4 AWG
3/0 AWG	RUBY	1-7/16	1-1/2	3/0-2 AWG
4/0 AWG	WHITE	1-7/16	1-5/8	4/0-1 AWG
250 MCM	RED	1-9/16	1-11/16	250 MCM-1/0 AWG
300 MCM	BLUE	1-11/16	1-11/16	300 MCM-2/0 AWG
350 MCM	BROWN	1-15/16	2	350 MCM-3/0 AWG
400 MCM	GREEN	2-3/8	2-1/2	400 MCM-4/0 AWG
500 MCM	PINK	2-9/16	2-9/16	500-250 MCM
600 MCM	BLACK	2-11/16	2-5/8	600-250 MCM
700 MCM	YELLOW	2-15/16	2-3/4	700-500 MCM
750 MCM	YELLOW	3-1/4	2-3/4	750-500 MCM
800 MCM	GRAY	3-1/4	3-1/16	800-650 MCM
900 MCM	BROWN	3-1/4	3-1/16	900-700 MCM
1000 MCM	BROWN	3-1/4	3-1/16	1000-750 MCM
¹ Long Barrel Splices require (#) of crimps per side.				² With dieless tools

TOOL AND DIE INFO (# OF CRIMPS) ¹										
AL/CU CODE WIRE LUG SIZE	GREENLEE 1240 SERIES W/ GREENLEE KA12- DIES	GREENLEE 1240 SERIES W/ CD DIES	GREENLEE HK12ID (& NSI 12ID) DIELESS TOOL	MILWAUKEE 2779-20 49-12 DIES	MILWAUKEE 2679 49-16 DIES	MILWAUKEE 2877-22 DIELESS TOOL	ILSCO ILC-12 SERIES W/ ILD DIES	T&B 13100A, TBM14 W/ T&B DIES	BURNDY Y35, Y750, PAT750 W/ BURNDY DIES	HUSKIE 1240 W/ HUSKIE DIES
8 AWG	KA12-8 (1)	CD2 (1)	(1)	U008(1)	U008(2)	N/A	ILD-374 (1)	15522 (1)	U8CABT (1)	HT41GL (1)
6 AWG	KA12-6 (1)	CD3 (1)	(1)	U006(1)	U006(2)	(1)	ILD-376 (1)	15527-CK (1)	U6CABT (1)	HT41GE (1)
4 AWG	KA12-4 (1)	CD5A (1)	(1)	U004(1)	U004(2)	(1)	ILD-375 (1)	15513-CK (1)	U4CABT (1)	HT41GM (1)
2 AWG	KA12-2 (1)	CD6A (1)	(1)	U002(1)	U002(2)	(1)	ILD-348 (1)	15508 (1)	U2CABT (1)	HT41GF (1)
1 AWG	KA12-1 (1)	N/A	(1)	U001(2)	U001(3)	(1)	ILD-471 (1)	15526 (1)	U1CART (1)	N/A
1/0 AWG	KA12-1/0 (1)	CD9 (2)	(1)	U01A(2)	U01A(3)	(1)	ILD-296 (2)	15530 (2)	U25ART (2)	HT41EX (2)
2/0 AWG	KA12-2/0 (2)	CD11 (2)	(1)	U02A(2)	U02A(3)	(1)	ILD-297 (2)	15511 (2)	U26ART (2)	HT41EY (2)
3/0 AWG	KA12-3/0 (2)	CD13 (2)	(1)	U03A(2)	U03A(3)	(1)	ILD-467 (2)	15532-CK (2)	U27ART (2)	HT41GW (2)
4/0 AWG	KA12-4/0 (2)	CD15A (2)	(1)	U04A(2)	U04A(4)	(1)	ILD-298 (2)	15534 (2)	U28ART (2)	HT41EZ (2)
250 MCM	KA12-250 (2)	CD16A (2)	(1)	U250(2)	U250(4)	(1)	ILD-324 (2)	15514-CK (2)	U29ART (2)	HT41FW (2)
300 MCM	KA12-300 (2)	CD17A (2)	(1)	U300(2)	U300(4)	(1)	ILD-470 (2)	15512 (2)	U30ART (2)	HT41GZ (2)
350 MCM	KA12-350 (2)	CD18A (2)	(1)	U350(2)	U350(4)	(1)	ILD-299 (2)	15506 (2)	U31ART (2)	HT41FA (2)
400 MCM	KA12-400 (2)	CD19A (2)	(1)	U400(3)	N/A	(1)	ILD-472 (2)	15536-CK (2)	U32ART (2)	HT41HH (2)
500 MCM	KA12-500 (2)	CD20 (2)	(1)	U500(3)	N/A	(1)	ILD-300 (2)	15505 (2)	U34ART (2)	HT41FB (2)
600 MCM	KA12-600 (2)	CD21A (2)	(1)	U600(3)	N/A	(1)	ILD-473 (2)	-	U36ART (2)	HT41HG (2)
700 MCM	KA12-750 (2)	-	(1)	U750(3)	N/A	(1)	ILD-936 (2)	15504(2)	U39ART-2 (2)	HT41LJ (2)
750 MCM	KA12-750 (2)	CD23(2)	(1)	U750(3)	N/A	(1)	ILD-936 (2)	15504(2)	U39ART-2 (2)	HT41LJ (2)
800 MCM	N/A	N/A	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
900 MCM	N/A	N/A	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1000 MCM	N/A	N/A	(1)	N/A	N/A	N/A	N/A	15602 ³	P44RT ³ (2)	HT61BU ³ (2)

³ Requires 15 ton head