



INSTALLATION INSTRUCTIONS COPPER COMPRESSION CONNECTORS

SERIES: L-N, C, SL-N, L, GL, GL-N, SC

Select proper lug or splice connector for the size of cable being installed, making sure that the size matches the description in the table below.

1. Carefully strip the insulation from the conductor without nicking the strands to a length so that the stripped conductor can be completely inserted into and fill up the barrel of the lug or splice.
2. Wire brush the stripped portion of the conductor to remove any oxide films.
3. The stripped portion of the conductor must be clean and inserted completely into the connector barrel.

The following mechanical crimp tools can also be used with NSI Compression Connectors:

- NSI M-250 for 250 MCM Class B & C Copper Cable
NSI M-500 for 500MCM Class B & C Copper Cable

NOTES:

- For use with concentric, compressed or compact copper conductors.
- NSI's N12ID (Dieless) Crimp tool offers range taking capability.
- NSI N1240 tool can be used with all Greenlee and IlSCO dies listed.
- Barrel markings represent the manufacturer's suggested crimp locations when using N12ID & N1240 tools.



COPPER COMPRESSION CONNECTORS CHART

CERTIFIED UL APPROVED TOOLS & DIES (#) INDICATES NUMBER OF CRIMPS																	
		STRIP LENGTHS (IN)				NSI				GREEN-LEE	ILSCO		BURN-DY	T&B	HUSKIE		
LUG SIZE FOR CODE WIRE	COLOR	LONG BARREL ¹ SERIES: L, L-N, L-B, LN-B, SL-N, (2 X) THE CRIMPS	SHORT BARREL SERIES: GL, GL-N, GL-B, GL-NB	LONG BARREL ¹ SPLICE SERIES: C (2 X) THE CRIMPS	SHORT BARREL SPLICE SERIES: SC, SC-B	EXPANDED WIRE RANGE USING NSI DIELESS N12ID	N1240 SERIES	NSI-12	NSI-12	EK / RK/ HK1240 SERIES	ILC-12 SERIES ILC-15		Y-35 Y750 PAT 750	TBM-15 TBM-14M	EP510C		
8 AWG	RED	7/8	9/16	15/16	1/2	8 AWG (1)	KC12-8 (1)	–	–	KC12-8 (1)	ILD-1 (2)	KC12-8 (1)	U8CRT (1)	15520 (2)	–	–	
6 AWG	BLUE	1 1/16	13/16	15/16	9/16	6-8 AWG (1)	KC12-6 (1)	CD2 (2)	HT41GL (2)	KC12-6 (1)	ILD-2 (2)	KC12-6 (1)	U5CRT (1)	15522 (2)	HT41GL (2)	CD2 (2)	
4 AWG	GREY	1 3/16	13/16	15/16	9/16	4-6 AWG (1)	KC12-4 (1)	CD3 (2)	HT41AU (2)	KC12-4 (1)	ILD-3 (2)	KC12-4 (1)	U4CRT (1)	15527-CK (2)	HT41AU (2)	CD3 (2)	
3 AWG	WHITE	1 3/16	15/16	1	11/16	3-6 AWG (1)	KC12-3 (1)	–	HT41AV (2)	KC12-3 (1)	ILD-3 (2)	KC12-3 (1)	U3CRT (1)	–	HT41AV (2)	–	
2 AWG	BROWN	1 3/16	15/16	1	11/16	2-6 AWG (1)	KC12-2 (1)	CD4 (2)	HT41AW (2)	KC12-2 (1)	ILD-4 (2)	KC12-2 (1)	U2CRT (1)	15528 (2)	HT41AW (2)	CD4 (2)	
1 AWG	GREEN	1 3/16	15/16	1 3/16	1	1-6 AWG (1)	KC12-1 (1)	CD5 (2)	HT41AX (2)	KC12-1 (1)	ILD-4 (2)	KC12-1 (1)	U1CRT-1 (1)	15513-CK (2)	HT41AX (2)	CD5 (2)	
1/0 AWG	PINK	1 1/4	15/16	1 3/16	7/8	1/0-6 AWG (1)	KC12-1/0 (1)	CD6 (2)	HT41AY (2)	KC12-1/0 (1)	ILD-5 (2)	KC12-1/0 (1)	U25RT (1)	15508 (2)	HT41AY (2)	CD6 (2)	
2/0 AWG	BLACK	1 7/16	1	1 3/16	15/16	2/0-4 AWG (1)	KC12-2/0 (1)	CD7 (2)	HT41AZ (2)	KC12-2/0 (1)	ILD-6 (2)	KC12-2/0 (1)	U26RT (1)	15526 (2)	HT41AZ (2)	CD7 (2)	
3/0 AWG	ORANGE	1 7/16	1 1/16	1 3/16	7/16	3/0-2 AWG (1)	KC12-3/0 (1)	CD10 (2)	HT41BA (2)	KC12-3/0 (1)	ILD-9 (2)	KC12-3/0 (1)	U27RT (1)	15530 (2)	HT41BA (2)	CD10 (2)	
4/0 AWG	PURPLE	1 1/2	1 1/16	1 7/16	1	4/0-1 AWG (1)	KC12-4/0 (1)	CD12 (2)	HT41BC (2)	KC12-4/0 (1)	ILD-10 (2)	KC12-4/0 (1)	U28RT (2)	15511 (2)	HT41BC (2)	CD12 (2)	
250 MCM	YELLOW	1 3/4	1 3/16	1 13/16	1 3/16	250 MCM-1/0 AWG (1)	KC12-250 (1)	CD14 (2)	HT41BE (2)	KC12-250 (1)	ILD-11 (2)	KC12-250 (1)	U29RT (2)	15510-CK (2)	HT41BE (2)	CD14 (2)	
300 MCM	WHITE	2 1/8	1 3/16	1 15/16	1 3/16	300 MCM-2/0 AWG (1)	KC12-300 (1)	CD15 (2)	HT41BF (2)	KC12-300 (1)	ILD-12 (2)	KC12-300 (1)	U30RT (2)	15534 (2)	HT41BF (2)	CD15 (2)	
350 MCM	RED	2 1/8	1 1/4	2 1/16	1 3/16	350 MCM-3/0 AWG (1)	KC12-350 (1)	CD16A (2)	HT41BJ (2)	KC12-350 (1)	ILD-13 (2)	KC12-350 (1)	U31RT (2)	15514-CK (2)	HT41BJ (2)	CD16A (2)	
400 MCM	BLUE	2 1/8	1 5/16	2 1/16	1 5/16	400 MCM-4/0 AWG (1)	KC12-400 (1)	CD17 (2)	HT41BK (2)	KC12-400 (1)	ILD-14 (2)	KC12-400 (1)	U32RT (2)	15512 (2)	HT41BK (2)	CD17 (2)	
500 MCM	BROWN	2 3/8	1 9/16	2 5/16	1 7/16	500-250 MCM (1)	KC12-500 (1)	CD18 (2)	HT41BL (2)	KC12-500 (1)	ILD-15 (2)	KC12-500 (1)	U34RT (2)	15506 (2)	HT41BL (2)	CD18 (2)	
600 MCM	GREEN	2 3/8	1 11/16	2 7/16	1 7/16	600-250 MCM (1)	KC12-600 (1)	CD19 (2)	HT41BM (2)	KC12-600 (1)	ILD-16 (2)	KC12-600 (1)	U36RT (2)	15536-CK (2)	HT41BM (2)	CD19 (2)	
700 MCM	PINK	2 13/16	2	–	1 9/16	700-350 MCM (1)	KC12-700 (1)	CD20 (2)	HT41BM (2)	KC12-700 (1)	ILD-16A (2)	KC12-700 (1)	U38RT (2)	15505 (2)	HT41BM (2)	CD20 (2)	
750 MCM	BLACK	2 13/16	2	2 9/16	1 3/4	750-500 MCM (1)	KC12-750 (1)	CD21 (2)	HT41BP (2)	KC12-750 (1)	ILD-17 (2)	KC12-750 (1)	U39RT (2)	15515-CK (2)	HT41BP (2)	CD21 (2)	
1000 MCM	WHITE	3 5/16	2 1/16	3 3/16	2	1000-750 MCM (1)	–			–		–					

¹Long barrel lugs & splices require twice as many crimps as in parenthesis ()

