



COPPER COMPRESSION CONNECTOR INSTALLATION

1. Use a connector marked for the wire size and wire material to be used. NEVER use a copper connector on aluminum wire.
2. Strip wire insulation to approximate length shown on tool chart. DO NOT nick or ring the conductor strands.
3. Clean the wire.
4. Insert stripped wire into connector until the wire stops.
5. Using installation tooling shown on other side, insert connector in die and crimp between color bands or knurl markings. REQUIRED NUMBER OF COMPRESSIONS SHOWN IN ().
6. After crimping, inspect for sharp edges, flash or burrs and remove if present.

HEAT SHRINK INSULATION INSTRUCTION

1. Refer to Panduit catalog or www.panduit.com for heat shrink material information, tubing size, voltage rating, and shrink temperature.
2. Cut tubing to length allowing insulation coverage as desired. Allow a minimum of 1-1/2" inch overlap on wire insulation.
3. Shrink with a standard propane torch or heat gun. MOVING FROM CRIMPED PORTION OF CONNECTOR TOWARD INSULATED WIRE. Adhesive flow at ends indicate shrinkage complete.

*Heat shrink insulation, blank tongues, & non-plated lugs not tested by TELCORDIA.

Tool Chart for Compression Connectors Type LCB, LCC, LCP, and SCL with Copper Cable

Panduit Part Number L=Lug S=Splice	Std. Wire Size AWG	Wire Strip Length (in.)	CT-1570	CT-1701	CT-2300/ST CT-2300/STINT CT-2300/STAU CT-2300/STUK CT-2300/TO	CT-600A	CT-1700	CT-720	CT-810	CT-1250	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPAUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID Indenter Die	C See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCB10 LCC10	#14 – #10 STR	9/16	12-10 (2)	P10 (2)	CD-570 12-10 (2)	CT-570CH 12-10 (2)	—	—	—	—	—	—	—	—	—	—
SCL10	#12 – #10 SOL															
LCB8 LCC8	#8 STR #8 SOL #6 SOL	3/4 7/8* 1-1/16	—	—	—	—	Red P21 (3)	CD-720-1 Red P21 (2)	8 AWG Red (2)	—	KC4-8 Red (1) #8 STR #8 SOL ONLY	CD-2001-8 Red P21 (2)	CD-920-8 Red P21 (1)	—	—	STD (1)
SCL8																
LCB6 LCBN6 LCC6 LCCN6	#6	1-1/8	—	—	—	—	Blue P24 (3)	CD-720-1 Blue P24 (2)	6 AWG Blue (2)	—	KC4-6 Blue (1)	CD-2001-6 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	—	STD (1)
SCL6																
LCB4 LCBN4 LCC4 LCCN4	#4 – #3 STR #2 SOL	1-1/8	—	—	—	—	Gray P29 (3)	CD-720-1 Gray P29 (2)	4 AWG Gray (2)	—	KC4-4 Gray (1)	CD-2001-4 Gray P29 (2)	CD-920-4 Gray P29 (1)	STD (1)	#4 – #2 AWG #2 AWG SOL Only (1)	STD (1)
SCL4																
LCB2 LCBN2 LCC2 LCCN2	#2	1-1/4	—	—	—	—	Brown P33 (3)	CD-720-1 Brown P33 (2)	2 AWG Brown (2)	—	KC4-2 Brown (1)	CD-2001-2 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	#6 – #2 AWG (1)	STD (1)
SCL2																
LCB1 LCBN1 LCC1 LCCN1	#1	1-7/16 1-3/8	—	—	—	—	Green P37 (4)	CD-720-2 Green P37 (2)	1 AWG Green (2)	1 AWG Green (2)	KC4-1 Green (1)	CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (1)	STD (1)	#6 – #1 AWG (1)	STD (1)
SCL1																
LCB1/0 LCBN1/0 LCC1/0 LCCN1/0	1/0	1-1/2 1-3/8	—	—	—	—	—	CD-720-2 Pink P42 (2)	1/0 AWG Pink (2)	1/0 AWG Pink (2)	KC4-1/0 Pink (1)	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	#6 – 1/0 AWG (2)	STD (1)
SCL1/0																
LCB2/0 LCBN2/0 LCC2/0 LCCN2/0	2/0	1-9/16 1-1/2	—	—	—	—	—	CD-720-2 Black P45 (3)	—	2/0 AWG Black (3)	KC4-2/0 Black (2)	CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	#4 – 2/0 AWG (2)	STD (1)
SCL2/0																
LCB3/0 LCBN3/0 LCC3/0 LCCN3/0	3/0	1-9/16 1-1/2	—	—	—	—	—	CD-720-2 Orange P50 (3)	—	—	KC4-3/0 Orange (2)	CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	STD (1)	#2 – 3/0 AWG (2)	STD (1)
SCL3/0																
LCB4/0 LCBN4/0 LCC4/0 LCCN4/0	4/0	1-5/8	—	—	—	—	—	CD-720-3 Purple P54 (3)	—	4/0 AWG Purple (3)	KC4-4/0 Purple (2)	CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	#1 – 4/0 AWG (2)	STD (1)
SCL4/0																
LCB250 LCBN250 LCC250 LCCN250	250 kcmil	1-11/16 1-5/8	—	—	—	—	—	CD-720-3 Yellow P62 (4)	—	—	KC4-250 Yellow (2)	CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)	STD (1)	1/0 AWG – 250 kcmil (3)	STD (1)
SCL250																

For Instructions in Local Languages and Technical Support:

www.panduit.com/resources/install_maintain.asp



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Panduit Part Number L=Lug S=Splice	Std. Wire Size AWG	Wire Strip Length (in.)	CT-720	CT-2600/L CT-2600/LINT CT-2600/LUK CT-2600/LAUS CT-2600/TO	A See Tool List Below	B See Tool List Below	CT-2920/CCP CT-2920/CCPINT CT-2920/CCPAUK CT-2920/CCPAUS CT-2920/CCPTO CT-920CH/CCP with UA12ID™ Indenter Die	C See Uni-Die™ Dieless Tools Below	CT-3980 CT-3980/INT CT-3980/UK CT-3980/AUS CT-3980/TO Uni-Die™ Dieless Tool
LCB300 LCBN300 LCC300 LCCN300	300 kcmil	2-5/16	CD-720-4 White P66 (4)	KC4-300 White (2)	CD-2001-300 White P66 (3)	CD-920-300 White P66 (3)	STD (1)	2/0 AWG – 300 kcmil (3)	STD (1)
SCL300		2							
LCB350 LCBN350 LCC350 LCCN350	350 kcmil	2-5/16	CD-720-5 Red P71 (4)	—	CD-2001-350 Red P71 (3)	CD-920-350 Red P71 (3)	STD (1)	3/0 AWG – 350 kcmil (3)	STD (1)
SCL350		2							
LCB400 LCBN400 LCC400 LCCN400	400 kcmil	2-3/8	CD-720-6 Blue P76 (4)	—	CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)	STD (1)	4/0 AWG – 400 kcmil (3)	STD (1)
SCL400		2-1/8							
LCB500 LCBN500 LCC500 LCCN500 LCP500	500 kcmil	2-9/16	CD-720-7 Brown P87 (4)	—	CD-2001-500 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	4/0 AWG – 500 kcmil (3)	STD (1)
SCL500		2-1/4							
LCB600 LCBN600 LCC600 LCCN600	600 kcmil	2-3/4	—	—	***KC22-600B Green (4)	CD-920-600 Green P94 (4)	STD (1)	250 – 600 kcmil (3)	STD (1)
SCL600		2-11/16							
LCB750 LCBN750 LCC750 LCCN750 LCP750	750 kcmil	2-15/16	—	—	—	CD-920-750 CD-940-750 (4) Black P106 (4)	STD (1)	500 – 750 kcmil (3)	—
SCL750		2-7/8							
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	—	—	CD-940-800 (4) Orange P107 (4)	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000 LCP1000	1000 kcmil	3-1/16	—	—	—	CD-940-1000 (4) White P125 (4)	—	—	—
SCL1000		3							
LCB1250 LCC1250 LCP1250	1250 kcmil	3-3/8	—	—	—	CD-940-1250 (4) Yellow P140 (4)	—	—	—

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Panduit Part Number L=Lug S=Splice	Std. Wire Size AWG	Wire Strip Length (in.)	B See Tool List Below	Burndy Tool Y60B
LCB1500 LCC1500 LCP1500	1500 kcmil	3-3/8	CD-940-1500 ^④ Green P150 (4)	Burndy Die L46RT (3)
LCB2000 LCC2000 LCP2000	2000 kcmil	3-5/8	—	Burndy Die L48RT (4)

- ① The crimp die pockets are integrated into the tool frame.
- ③ CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter
- ④ CD-940 dies to be used exclusively with CT-940CH series and CT-2940 series tools
- ⑤ Maximum size: 500 kcmil lugs and 250 kcmil splices.
- ⑥ Maximum size: 250 kcmil lugs and splices. No extended wire range.
- ⑧ **Rotate gauge selector to the indicated gauge setting**
- ⑨ Maximum size: 600 kcmil lugs and splices.

* LCC8-12 wire strip length is 7/8"

*** KC22-600B crimp die for used with CT-3001/ST and CT-3001/CCP series tools.

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/ST AUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-930LPCH^⑥, CT-940CH/BJO^③, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/ST AUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940^③, CT-2940/L^③, CT-2940/LE^③

C CT-980, CT-980CH, CT-980LPCH^⑥, CT-2950^③, CT-2980, CT-2980/L, CT-2980/LE, CT-2980/ST, CT-2980/STINT, CT-2980/STUK, CT-2980/ST AUS, CT-2980/TO, CT-2981, Extended Wire Range