



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 ① | CT-2300/ST CT-2300/STINT CT-2300/STAU CT-2300/STUK CT-2300/TO | CT-600A | CT-1700 ① | 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/CCPUK 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 |
|--|--------------------------------|----------------------------|--------------|------------|---|--------------------------|------------------|-------------------------------|--|------------------------------------|------------------------------------|--|--|---|
| LCB10 LCC10 | #14 – #10 STR #12 – #10 SOL | 9/16 | 12-10 (2) | P10 (2) | CD-570 12-10 (2) | CT-570CH 12-10 (2) | — | — | — | — | — | — | — | — |
| SCL10 | | | | | | | | | | | | | | |
| LCB8 LCC8 | #8 STR #8 SOL #6 SOL | 3/4 7/8* | — | — | — | — | Red P21 (3) | CD-720-1 Red P21 (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 | | 1-1/16 | | | | | | | | | | | | |
| LCB6 LCBN6 LCC6 LCCN6 | #6 | 1-1/8 | — | — | — | — | Blue P24 (3) | CD-720-1 Blue P24 (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) | 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) | 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 | — | — | — | — | Green P37 (4) | CD-720-2 Green P37 (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 | | 1-3/8 | | | | | | | | | | | | |
| LCB1/0 LCBN1/0 LCC1/0 LCCN1/0 | 1/0 | 1-1/2 | — | — | — | — | — | CD-720-2 Pink P42 (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 | | 1-3/8 | | | | | | | | | | | | |
| LCB2/0 LCBN2/0 LCC2/0 LCCN2/0 | 2/0 | 1-9/16 | — | — | — | — | — | CD-720-2 Black P45 (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 | | 1-1/2 | | | | | | | | | | | | |
| LCB3/0 LCBN3/0 LCC3/0 LCCN3/0 | 3/0 | 1-9/16 | — | — | — | — | — | 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 | | 1-1/2 | | | | | | | | | | | | |
| LCB4/0 LCBN4/0 LCC4/0 LCCN4/0 | 4/0 | 1-5/8 | — | — | — | — | — | CD-720-3 Purple P54 (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 | — | — | — | — | — | 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 | | 1-5/8 | | | | | | | | | | | | |

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp



www.panduit.com

E-mail:
cs@panduit.com

Phone:
800-777-3300

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-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) | — | — | — |

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp



www.panduit.com

E-mail:
cs@panduit.com

Phone:
800-777-3300

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.) | 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.
 ⑦ 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

For Instructions in Local Languages
and Technical Support:

www.panduit.com/resources/install_maintain.asp

PANDUIT

www.panduit.com

E-mail:
cs@panduit.com

Phone:
800-777-3300