PANDUIT

COPPER COMPRESSION CONNECTORS

251-PC

COPPER COMPRESSION CONNECTOR INSTALLATION

1. Use a connector marked for the wire size and wire material to be used. NEVER use a copper conductor 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 catalog for tubing size.

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.

Tool Chart for Compression Connectors
Type PS with Copper Cable

PANDUIT PART NUMBER	CIRCULAR MILL MIN	CIRCULAR MILL MAX	DIE INDEX NUMBER OR COLOR (NO. OF COMPRESSIONS PER WIRE			
			CT-720	CT-2940** CT-940CH** CT-2920 CT-930, CT-930CH CT-920, CT-920CH	*UNI-DIE*™ DIELESS TOOLS CT-980, CT-980CH CT-2950 CT-2980	CT-2001
PS8	19000	25000	CD-720-1 RED P21 (2)	CD-920-8 RED P21 (1)	----	CD-2001-8 RED P21 (1)
PS6	25000	40000	CD-720-1 BLUE P24 (2)	CD-920-6 BLUE P24 (1)	----	CD-2001-6 BLUE P24 (1)
PS4	40000	65000	CD-720-1 GRAY P29 (2)	CD-920-4 GRAY P29 (1)	STD (1)	CD-2001-4 GRAY P29 (1)
PS2	65000	100000	CD-720-1 BROWN P33 (2)	CD-920-2 BROWN P33 (1)	STD (1)	CD-2001-2 BROWN P33 (1)
PS1	100000	130000	CD-720-2 GREEN P37 (2)	CD-920-1 GREEN P37 (1)	STD (1)	CD-2001-1 GREEN P37 (1)
PS1/0	130000	160000	CD-720-2 PINK P42 (2)	CD-920-1/0 PINK P42 (1)	STD (1)	CD-2001-1/0 PINK P42 (2)
PS2/0	160000	200000	CD-720-2 BLACK P45 (2)	CD-920-2/0 BLACK P45 (1)	STD (1)	CD-2001-2/0 BLACK P45 (2)
PS3/0	200000	240000	CD-720-2 ORANGE P50 (2)	CD-920-3/0 ORANGE P50 (1)	STD (1)	CD-2001-3/0 ORANGE P50 (2)
PS4/0	240000	280000	CD-720-3 PURPLE P54 (2)	CD-920-4/0 PURPLE P54 (1)	STD (1)	CD-2001-4/0 PURPLE P54 (2)

** CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter.

NOTE: See product package or contact factory for UL/CSA approved tooling/product combinations.

 * CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
** CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter.