

# COMPRESSION CONNECTORS

## Copper Splice

### Short Barrel

#### SC SERIES



## FEATURES

- Produced from high conductivity copper tubing.
- Serrations indicate proper crimp locations.
- Tin-plated to provide corrosion resistance.
- Marked with die index and color coded.
- Suitable for use at voltages up to 35KV provided connector is properly taped.
- 5KV is the maximum voltage in all bare splices.
- For applications greater than 2000V, consult the cable manufacturer for voltage stress relief instructions.

## RATINGS



UL486A/B Listed.

UL467 Grounding & Bonding (Sizes 8 AWG - 3/0 AWG)

Max ampacity is based on NEC 310.15, insulation type, and conductor material. Please consult your current NEC manual.

\* CLASS B OR C BUILDING WIRE CU CABLE ONLY

### TEMPERATURE RATING/VOLTAGE:

AL9CU. Rated 600V, 90 °C.

All dimensional data is listed in inches.

CAT. NO.	WIRE RANGE	EXPANDED WIRE RANGE*
<b>SC-8</b>	8 AWG	8 AWG
<b>SC-6</b>	6 AWG	6 - 8 AWG
<b>SC-4</b>	4 AWG	4 - 6 AWG
<b>SC-3</b>	3 AWG	3 - 6 AWG
<b>SC-2</b>	2 AWG	2 - 6 AWG
<b>SC-1</b>	1 AWG	1 - 6 AWG
<b>SC-1/0</b>	1/0 AWG	1/0 - 6 AWG
<b>SC-2/0</b>	2/0 AWG	2/0 - 4 AWG
<b>SC-3/0</b>	3/0 AWG	3/0 - 2 AWG
<b>SC-4/0</b>	4/0 AWG	4/0 - 1 AWG
<b>SC-250</b>	250 MCM	250 MCM - 1/0 AWG
<b>SC-300</b>	300 MCM	300 MCM - 2/0 AWG
<b>SC-350</b>	350 MCM	350 MCM - 3/0 AWG
<b>SC-400</b>	400 MCM	400 MCM - 4/0 AWG
<b>SC-500</b>	500 MCM	500 - 250 MCM
<b>SC-600</b>	600 MCM	600 - 250 MCM
<b>SC-750</b>	750 MCM	750-500 MCM

\*EXPANDED WIRE RANGE when installed with NSI N121D dieless compression tool. UL Listed with other tools:

**FOR TOOL & DIE CRIMPING INFORMATION, PLEASE SEE TABLE ON PAGE 143**



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Tool & Die Charts



COLOR CODE	I.D.	O.D.	LENGTH (L)	STD. CTN. QTY.
Red	0.173	0.272	0.902	100
Blue	0.205	0.295	1.000	100
Gray	0.252	0.343	1.000	100
White	0.282	0.378	1.883	50
Brown	0.315	0.421	1.252	50
Green	0.358	0.469	1.799	50
Pink	0.390	0.520	1.598	50
Black	0.441	0.563	1.752	25
Orange	0.492	0.622	1.752	25
Purple	0.547	0.689	1.902	25
Yellow	0.594	0.752	2.000	25
White	0.657	0.815	2.098	12
Red	0.701	0.874	2.098	12
Blue	0.764	0.949	2.299	6
Brown	0.835	1.063	2.500	6
Green	1.189	1.189	2.500	6
Black	1.031	1.311	3.201	3

