



THE DATASHEET OF SCL500-6



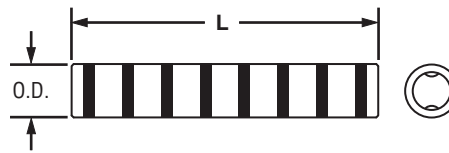


Code Conductor, Long Barrel, Butt Splice

For Use with Stranded Copper Conductors

Type SCL

- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Color-coded barrels marked with Panduit and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wide wire range-taking capability when crimped with Panduit® Uni-Die™ Dieless Crimping Tools‡
- Tested by Telcordia – meets NEBS Level 3



Part Number	Copper Conductor Size	Figure Dimensions (In.)		Panduit Color Code	Panduit Die Index No.‡	Burdny Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCL8-L	#8 AWG	0.27	2.25	Red	P21	49	21	1 1/16	50
SCL6-L	#6 AWG	0.31	2.38	Blue	P24	7	24	1 1/8	50
SCL4-L	#4 – #3 AWG STR, #2 AWG SOL	0.38	2.38	Gray	P29	8	29	1 1/8	50
SCL2-Q	#2 AWG	0.42	2.62	Brown	P33	10	33	1 1/4	25
SCL1-E	#1 AWG	0.47	2.87	Green	P37	11	37	1 3/8	20
SCL1/0-X	1/0 AWG	0.52	2.87	Pink	P42	12	42	1 3/8	10
SCL2/0-X	2/0 AWG	0.58	3.13	Black	P45	13	45	1 1/2	10
SCL3/0-X	3/0 AWG	0.64	3.12	Orange	P50	14	54	1 1/2	10
SCL4/0-X	4/0 AWG	0.71	3.37	Purple	P54	15	54	1 5/8	10
SCL250-X	250 kcmil	0.77	3.38	Yellow	P62	16	62	1 5/8	10
SCL300-X	300 kcmil	0.81	4.12	White	P66	17	66	2	10
SCL350-X	350 kcmil	0.88	4.12	Red	P71	18	71	2	10
SCL400-6	400 kcmil	0.95	4.37	Blue	P76	19	76	2 1/8	6
SCL500-6	500 kcmil	1.06	4.62	Brown	P87	20	87	2 1/4	6
SCL600-6	600 kcmil	1.19	5.50	Green	P94	22	94	2 11/16	6
SCL750-6	750 kcmil	1.30	5.87	Black	P106	24	106	2 7/8	6
SCL1000-3	1000 kcmil	1.50	6.12	White	P125	27	125	3	3

‡See pages D3.62 – D3.65 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

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