

**COLOUR CODED SPLICES - BSCL SERIES**  
long barrel for copper conductors**Description:**

- Made of electrolytic Copper tube having the same dimension as C and CL series lugs, BSCL connectors are annealed and electrolytically Tin plated.
- Annealed and electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.
- The annealing process optimizes the structural features of the material allows an easier crimping and guarantees the use of the connector even with mechanical solicitations of various nature.
- They feature an internal taper at both ends to ease the introduction of the conductor and a central stop to ensure correct positioning.

**Each connector is marked as follows:**

- Cembre trade mark and reference number.
- Nature and size of conductor (mm<sup>2</sup>).
- Ø stud (mm).
- Color Code

**Markings:**

 - According to UL 486A standard (file E125401)

**Cembre SpA**

Via Serenissima, 9 - 25135 Brescia (Italia)

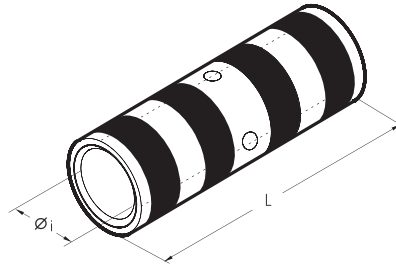
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Prepared by: Marketing dept.

Date: 24/06/2016

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**Sections and Dimensions:**


Conduttore AWG		Ref.	Dimensions (mm)			Color
Size	Navy		$\varnothing_i$	$\varnothing_e$	L	
8	23	<b>BSCL8</b>	4,6	6,8	50,5	RED
6		<b>BSCL6</b>	5,8	7,9	50,5	BLUE
4	40	<b>BSCL4</b>	6,2	8,6	60,5	GREY
3	50	<b>BSCL3</b>	7,0	9,3	60,5	WHITE
2	60	<b>BSCL2</b>	7,6	10,6	60,5	BROWN
1	75	<b>BSCL1</b>	8,9	11,7	65,5	GREEN
1/0	100	<b>BSCL1/0</b>	10,0	13,0	73,0	PINK
2/0	125	<b>BSCL2/0</b>	11,3	14,6	79,0	BLACK
3/0	150	<b>BSCL3/0</b>	12,4	15,8	79,0	ORANGE
4/0	200	<b>BSCL4/0</b>	13,5	17,5	85,5	PURPLE
250 MCM	250	<b>BSCL250</b>	15,2	19,6	85,5	YELLOW
300 MCM	300	<b>BSCL300</b>	16,7	21,5	104,5	WHITE
350 MCM	350	<b>BSCL350</b>	17,6	22,3	104,5	RED
400 MCM	400	<b>BSCL400</b>	19,2	24,4	111,0	BLUE
500 MCM		<b>BSCL500</b>	21,1	27,2	117,0	BROWN
600 MCM		<b>BSCL600</b>	23,7	30,6	139,5	GREEN
750 MCM		<b>BSCL750</b>	26,0	33,0	149,0	BLACK

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**Die Selector Chart:**

DIE SELECTOR CHART

APPLICATION	CONDUCTOR		CONNECTOR		HYDRAULIC TOOLS														
	Conductor Size AWG	New	TERMINAL	SPLICE	B 15Y		B35-50A		HT 51 RH 50 B 51LA B 51A B 55CY		B131LNCA and similar tools for U dies		B 150A		EQW-H3D		RHU 520		
					NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET	NEST	INDENTOR	DIE SET
CL...	8	23	02..	BSQ3.8	ME2/2-15		MY 2-50												
CL...	6	40	03..	BSQ3.6	ME2/3-15		MY 3-50												
CL...	4	40	04..	BSQ3.4	MA03/2-15		MY 4-50												
CL...	3	50	03..	BSQ3.3	MA03/3-15		MY 5-50												
CL...	2	60	02..	BSQ3.2			MY 6-50												
CL...	1	75	01..	BSQ3.1			MY 7-50												
	1/0	100	01/0..	BSQ3.1/0			MY 10-50												
	2/0	125	02/0..	BSQ3.2/0			MY 14-50												
	3/0	150	03/0..	BSQ3.3/0			MY 16-50												
	4/0	200	04/0..	BSQ3.4/0			MY 18-50												
	250 MCM	250	0.250..	BSQ3.250			MY 24-50												
	300 MCM	300	0.300..	BSQ3.300			MY 30-50												
	350 MCM	350	0.350..	BSQ3.350															
	400 MCM	400	0.400..	BSQ3.400															
	500 MCM	500	0.500..	BSQ3.500															
	600 MCM	600	0.600..	BSQ3.600															
	750 MCM	750	0.750..	BSQ3.750															

COPPER CONDUCTORS

○ = Circular crimp      ◊ = Hexagonal crimp      ⊖ = Indent crimp  
 M.B.: Number inside symbol indicates the number of crimps for C-Start barrel lugs only