

## COPPER COMPRESSION SPLICES STANDARD AND LONG BARREL

### KEY FEATURES

- One piece electrolytic copper construction for superior electrical performance
- Electro tin plated finish for corrosion resistance and durability and tempered for easy crimping
- UL Listed as per UL 486A-486B
- Industry standard color coding system simplifies die selection
- Made out of pure electrolytic copper (>99% Cu)

TE Connectivity's (TE) compression splice connectors are ideal for secondary distribution up to 35 kV. Copper compression splice connectors are available to accommodate a range of cable sizes from #8 AWG to 1000 kcmil copper.

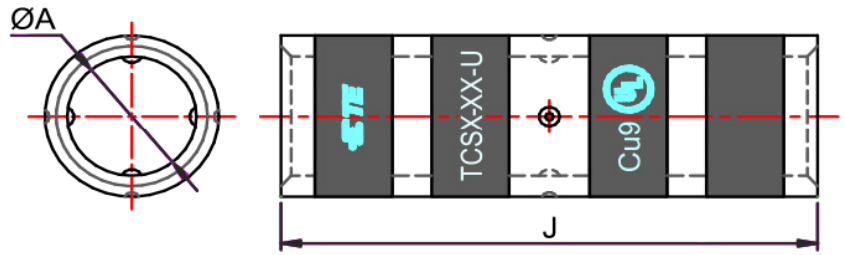
Use for splicing solid and concentric stranded, class B conductors with either a standard or long barrel version and meet the requirements of UL 486.

Compression crimping forms the splice and conductor into a strong, almost homogeneous unit, producing excellent conductivity, low temperature rise, and outstanding resistance to oxidation and corrosion.

Compression of the splice barrel creates a highly reliable connection that enables connector to perform well and at a lower temperature than the conductor during operation.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Copper Compression Slices - Standard & Long Barrel



STANDARD BARREL					LONG BARREL					LONG BARREL (METRIC CONDUCTORS)				
TE Product Code	Conductor AWG/MCM	Dimensions in mm (in)		Color Code	TE Product Code	Conductor AWG/MCM	Dimensions in mm (in)		Color Code	TE Product Code	Conductor mm <sup>2</sup>	Dimensions in mm (in)		Color Code
		A Ø	J				A Ø	J				A Ø	J	
TCSS-8-U	8	4.4 (0.17)	25.4 (1.00)	Red	TCSL-8-U	8	4.4 (0.17)	44.5 (1.75)	Red	TCSL-10M-U	10	4.5 (0.18)	22.0 (0.87)	Red
TCSS-6-U	6	5.0 (0.20)	44.5 (1.75)	Blue	TCSL-6-U	6	5.0 (0.20)	60.5 (2.38)	Blue	TCSL-16M-U	16	5.4 (0.21)	44.0 (1.73)	Blue
TCSS-4-U	4	6.3 (0.25)	44.5 (1.75)	Gray	TCSL-4-U	4	6.3 (0.25)	64.8 (2.55)	Gray	TCSL-25M-U	25	6.8 (0.27)	47.0 (1.85)	Gray
TCSS-2-U	2	7.8 (0.31)	50.8 (2.00)	Brown	TCSL-2-U	2	7.8 (0.31)	71.6 (2.82)	Brown	TCSL-35M-U	35	8.2 (0.32)	47.0 (1.85)	Brown
TCSS-1-U	1	9.0 (0.35)	52.3 (2.06)	Green	TCSL-1-U	1	9.0 (0.35)	78.0 (3.07)	Green	TCSL-50M-U	50	10.0 (0.39)	47.0 (1.85)	Pink
TCSS-1/0-U	1/0	9.9 (0.39)	52.8 (2.08)	Pink	TCSL-1/0-U	1/0	9.9 (0.39)	77.7 (3.06)	Pink	TCSL-70M-U	70	11.3 (0.44)	50.0 (1.97)	Black
TCSS-2/0-U	2/0	11.3 (0.45)	55.1 (2.17)	Black	TCSL-2/0-U	2/0	11.3 (0.45)	83.8 (3.3)	Black	TCSL-95M-U	95	13.5 (0.53)	54.0 (2.13)	Orange
TCSS-3/0-U	3/0	12.4 (0.49)	58.4 (2.3)	Orange	TCSL-3/0-U	3/0	12.4 (0.49)	83.8 (3.3)	Orange	TCSL-120M-U	120	15.0 (0.59)	65.0 (2.56)	Purple
TCSS-4/0-U	4/0	14.2 (0.56)	58.9 (2.32)	Purple	TCSL-4/0-U	4/0	14.2 (0.56)	90.7 (3.57)	Purple	TCSL-150M-U	150	16.5 (0.65)	65.0 (2.56)	White
TCSS-250-U	250	15.1 (0.59)	62.5 (2.46)	Yellow	TCSL-250-U	250	15.1 (0.59)	90.9 (3.58)	Yellow	TCSL-185M-U	185	18.5 (0.73)	65.0 (2.56)	Red
TCSS-300-U	300	16.5 (0.65)	62.7 (2.47)	White	TCSL-300-U	300	16.5 (0.65)	110.2 (4.34)	White	TCSL-240M-U	240	21.0 (0.83)	89.0 (3.50)	Brown
TCSS-350-U	350	17.8 (0.70)	66.0 (2.60)	Red	TCSL-350-U	350	17.8 (0.70)	110.5 (4.35)	Red	TCSL-300M-U	300	23.5 (0.93)	89.0 (3.50)	Green
TCSS-400-U	400	19.3 (0.76)	69.6 (2.74)	Blue	TCSL-400-U	400	19.3 (0.76)	117.3 (4.62)	Blue	TCSL-400M-U	400	28.5 (1.12)	90.0 (3.54)	Black
TCSS-500-U	500	21.1 (0.83)	80.0 (3.15)	Brown	TCSL-500-U	500	21.1 (0.83)	124.7 (4.91)	Brown	TCSL-500M-U	500	30.0 (1.18)	115.0 (4.53)	White
TCSS-600-U	600	23.4 (0.92)	81.8 (3.22)	Green	TCSL-600-U	600	23.4 (0.92)	148.6 (5.85)	Green					
TCSS-750-U	750	26.2 (1.03)	94.5 (3.72)	Black	TCSL-750-U	750	26.2 (1.03)	162.1 (6.38)	Black					
TCSS-1000-U	1000	29.7 (1.17)	108.7 (4.28)	White	TCSL-1000-U	1000	29.7 (1.17)	176.5 (6.95)	White					

### Physical & Electrical Properties

Material	: ETP copper alloy C11000
Plating	: Electro tin plate
Heat treating	: Soft tempered
Voltage rating	: For applications up to 35 kV
Agency approvals (when crimped with the approved die sets)	: Listed by Underwriters Laboratories, Inc.



FILE NO. : E13288

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