

## CSJG In-line Cold Shrinkable Joints

### FEATURES

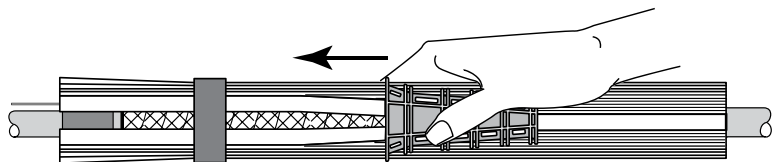
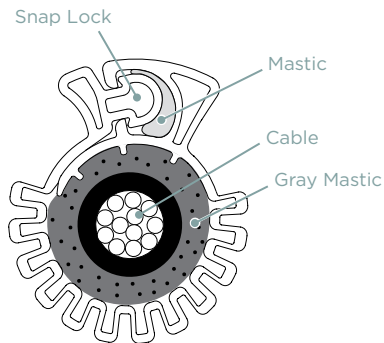
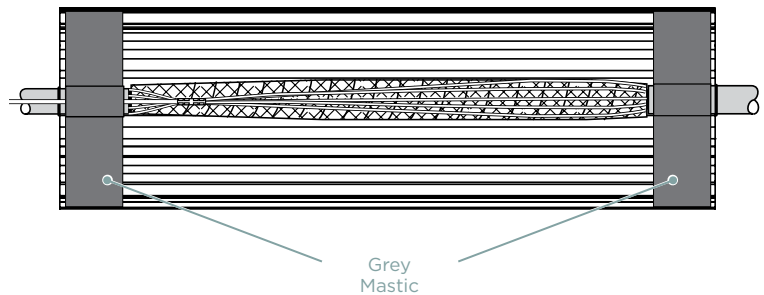
- The splice consists of a pre-expanded silicone body on a unique holdout design and separate re-jacketing system.
- A pre-expanded, single piece silicone rubber body with high mechanical expansion capability which allows a wide application range.
- An ergonomically designed spiral holdout provides a smooth installation with low release forces.
- Integrated electrical stress control enhanced by factory molded stress cones and a Faraday cage.
- Meets IEEE-404 standard requirements.

### APPLICATIONS

- Cold shrinkable joint for 15 kV through 35 kV. It is designed to splice jacketed concentric neutral (JCN) cables.

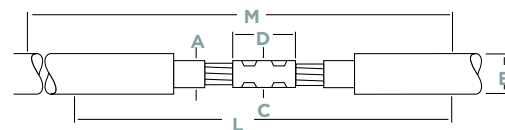
### BENEFITS

- ♦ This design is easy to install with minimal steps and short installation time.
- ♦ The re-jacketing system is a cold applied wraparound sleeve designed to seal the entire splice and provide mechanical and environmental protection for direct buried installation.
- ♦ Both mechanical and compression connectors can be used.



### ADDITIONAL PRODUCT INFORMATION

- Selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AEIC standard. Nominal insulation thickness (100%): 15 kV: 175 mils, 25 kV: 260 mils, 35 kV: 345 mils.
- Select the appropriate catalog number. Use the insulation OD and jacket OD range as the final ordering criteria.
- For mechanical shear bolt connector included in the kit confirm the correct connector selection according to the Min/Max diameter over the cable conductor from the tables.
- Standard package: 1 kit/box.
- Related test reports: EDR-5430, EDR-5507, EDR-5455.


**PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)**

Catalog Number	Voltage Class	Nominal Cable Range	Min - Max Insulation O.D. (A)	Max Connector Dimensions		Kit Installed Length (L)	Required Install Space (M)
				O.D. (C)	Length (D)		
<b>CSJA JCN/EG Joint Without Connector</b>							
CSJG-1511	15 kV	#2-350	0.69-1.20 (17.5-30.50)	1.30 (33.0)	5.50 (140.0)	33 (850)	42 (1060)
CSJG-1512	15 kV	4/0-750	0.87-1.40 (22.1-35.60)	1.50 (38.0)	5.50 (140.0)	33 (850)	42 (1060)
CSJG-1513	15 kV	350-1000	1.03-1.58 (26.2-40.0)	1.65 (42.0)	6.69 (170.0)	41 (1050)	50 (1270)
CSJG-1514	15 kV	750-1250	1.28-2.05 (32.50-52.0)	1.85 (47.0)	7.90 (200.0)	41 (1050)	55 (1390)
CSJG-2812	28 kV	#1-500	0.87-1.40 (22.1-35.60)	1.50 (38.0)	5.50 (140.0)	33 (850)	42 (1060)
CSJG-2813	28 kV	4/0-750	1.03-1.58 (26.20-40.0)	1.65 (42.0)	6.69 (170.0)	41 (1050)	50 (1270)
CSJG-2814	28 kV	500-1250	1.28-2.05 (32.50-52.0)	1.85 (47.0)	7.90 (200.0)	41 (1050)	55 (1390)
CSJG-3513	35 kV	1/0-350	1.03-1.49 (26.20-37.80)	1.40 (35.6)	5.50 (140.0)	41 (1050)	50 (1270)
CSJG-3514	35 kV	350-1000	1.28-2.05 (34.54-52.0)	1.96 (50.0)	7.90 (200.0)	41 (1050)	55 (1390)
CSJG-3515	35 kV	750-1250	1.63-2.36 (41.40-60.0)	2.36 (60.0)	7.90 (200.0)	41 (1050)	55 (1390)

Catalog Number	Voltage Class	Nominal Cable Range	Min - Max Insulation O.D. (A)	Min - Max Dia. Over Cable Conductor	Kit Install Length (L)	Required Install Space (M)
<b>CSJG Joint with Copper Shear Bolt Connector*</b>						
CSJG-1511M1	15 kV	2/0-350	0.69-1.20 (17.5-30.50)	0.376-0.736 (9.50-18.70)	33 (850)	42 (1060)
CSJG-1512M1	15 kV	4/0-500	0.87-1.40 (22.1-35.60)	0.376-0.736 (9.50-18.70)	33 (850)	42 (1060)
CSJG-1512M2	15 kV	350-750	0.87-1.40 (22.1-35.60)	0.570-0.945 (14.5-24.0)	33 (850)	42 (1060)
CSJG-1513M2	15 kV	350-750	1.03-1.58 (26.2-40.0)	0.570-0.945 (14.5-24.0)	41 (1050)	50 (1270)
CSJG-2812M1	28 kV	2/0-500	0.87-1.40 (22.1-35.60)	0.376-0.736 (9.50-18.70)	33 (850)	42 (1060)
CSJG-2813M2	28 kV	350-750	1.03-1.58 (26.2-40.0)	0.570-0.945 (14.5-24.0)	41 (1050)	50 (1270)
CSJG-2814M2	28 kV	500-750	1.28-2.05 (32.50-52.0)	0.570-0.945 (14.5-24.0)	41 (1050)	55 (1390)
CSJG-3513M1	35 kV	2/0-350	1.03-1.49 (26.20-37.80)	0.376-0.736 (9.50-18.70)	41 (1050)	50 (1270)
CSJG-3514M2	35 kV	350-750	1.28-2.05 (34.54-52.0)	0.570-0.945 (14.5-24.0)	41 (1050)	55 (1390)

\* Min/max diameter over cable conductor accepted by the copper mechanical connector.

Catalog Number	Voltage Class	Nominal Cable Range	Min - Max Insulation O.D. (A)	Min - Max Dia. Over Cable Conductor	Kit Install Length (L)	Required Install Space (M)
<b>CSJG Joint with Aluminum Shear Bolt Connector**</b>						
CSJG-1511M4	15 kV	#2-3/0	0.69-1.20 (17.5-30.50)	0.268-0.470 (6.80-11.9)	33 (850)	42 (1060)
CSJG-1511M5	15 kV	#2-350	0.69-1.20 (17.5-30.50)	0.268-0.681 (6.80-17.3)	33 (850)	42 (1060)
CSJG-1512M6	15 kV	4/0-500	0.87-1.40 (22.1-35.60)	0.423-0.813 (10.7-20.6)	33 (850)	42 (1060)
CSJG-1512M7	15 kV	500-750	0.87-1.40 (22.1-35.60)	0.736-0.998 (18.7-25.3)	33 (850)	42 (1060)
CSJG-1513M8	15 kV	350-750	1.03-1.58 (26.20-40.0)	0.616-0.998 (15.7-25.3)	41 (1050)	50 (1270)
CSJG-1514M9	15 kV	750-1000	1.28-2.05 (32.50-52.0)	0.813-1.152 (20.6-29.2)	41 (1050)	55 (1390)
CSJG-2812M5	28 kV	#1-350	0.87-1.40 (22.1-35.60)	0.268-0.681 (6.80-17.3)	33 (850)	42 (1060)
CSJG-2812M6	28 kV	4/0-500	0.87-1.40 (22.1-35.60)	0.423-0.813 (10.7-20.6)	33 (850)	42 (1060)
CSJG-2813M8	28 kV	350-750	1.03-1.58 (26.20-40.0)	0.616-0.998 (15.7-25.3)	41 (1050)	50 (1270)
CSJG-2814M8	28 kV	500-750	1.28-2.05 (32.50-52.0)	0.616-0.998 (15.7-25.3)	41 (1050)	55 (1390)
CSJG-2814M9	28 kV	750-1000	1.28-2.05 (32.50-52.0)	0.813-1.152 (20.60-29.2)	41 (1050)	55 (1390)
CSJG-3513M5	35 kV	1/0-350	1.03-1.49 (26.20-37.80)	0.268-0.681 (6.8-17.3)	41 (1050)	50 (1270)
CSJG-3514M8	35 kV	350-750	1.28-2.05 (34.54-52.0)	0.616-0.998 (15.7-25.3)	41 (1050)	55 (1390)
CSJG-3514M9	35 kV	750-1000	1.28-2.05 (34.54-52.0)	0.813-1.152 (20.60-29.2)	41 (1050)	55 (1390)
CSJG-3515M10	35 kV	1000-1250	1.63-2.36 (41.40-60.0)	1.060-1.251 (23.0-31.7)	41 (1050)	55 (1390)

\*\* Min/max diameter over cable conductor accepted by the aluminum mechanical connector.