

CSJA In-line Cold Shrinkable Joints for all 1/C Shielded Power Cables

FEATURES

- Total length of the splice body on the holdout is 14 to 19 inches providing a compact design.
- Integrated electrical stress control enhanced by factory molded stress cones and a Faraday cage.
- Void filling stress relief mastics are not necessary.
- Proven shield continuity concept which can also bridge concentric neutrals.
- The joint accepts both mechanical and compression connectors.
- When a shear bolt connector is used, this is a totally crimpless system.
- Meets IEEE-404 standard requirements.

APPLICATIONS

- "All-in-One" cold shrinkable joint for 5 kV through 35 kV. It is designed to splice tape shield, wire shield, LC shield, UniShield, JCN and flat strap shielded cables.

BENEFITS

- ♦ This cable joint has a pre-expanded EPDM re-jacketing sleeve and an integrated neutral sock. The "All-in-One" design is easy to install with minimal steps and short installation time.
- ♦ A pre-expanded, single-piece silicone rubber joint body with high mechanical expansion capability allows a wide application range.
- ♦ The silicone rubber body provides high dielectric strength, high tear strength, low tension set, and excellent low temperature recovery.
- ♦ An ergonomically designed spiral holdout provides a smooth installation with low release forces.



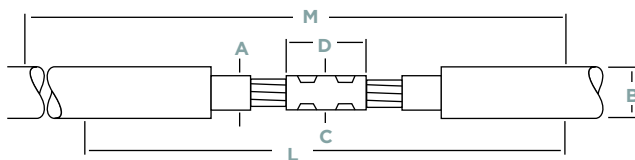
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PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Catalog Number	Length of Moisture Blocked Braid (mm)	Braid (AWG)
Cold Applied External Grounding Kit		
CSJ-EG-1	24 (610)	#8
CSJ-EG-2	24 (610)	#6
CSJ-EG-3	24 (610)	#4
CSJ-EG-4	24 (610)	#2

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.
- If external grounding is required, order the CSJ-EG kit.
- Standard package: 1 kit per box.
- Related test reports: EDR-5430, EDR-5455, EDR-5513, EDR-5570, EDR-5572, EDR-5588
- For AL Mechanical shear bolt connector information request data sheet 9-1773440-4 and for CU request 165972.


PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (MM)

Catalog Number	Voltage Class	Nominal Cable Range	Min - Max Insulation O.D. (A)	Jacket O.D. (max) (B)	Neutral Sock (AWG)	Min - Max Diameter Over Cable Conductor*		Kit Installed Length (L)	Required Install Space (M)
						O.D. (C)	Length (D)		
CSJA Joint Without Connector									
CSJA-821	5-8 kV	4/0-750	0.69-1.20 (17.5-30.5)	1.50 (38.1)	1/0	1.30 (33.0)	5.50 (140.0)	29 (737)	39 (990)
CSJA-1521	15 kV	#2-350	0.69-1.20 (17.5-30.5)	1.50 (38.1)	1/0	1.30 (33.0)	5.50 (140.0)	29 (737)	39 (990)
CSJA-1522	15 kV	4/0-750	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	1.50 (38.0)	5.50 (140.0)	29 (737)	39 (990)
CSJA-1523	15 kV	350-1000	1.03-1.58 (26.2-40.0)	2.05 (52.1)	2/0	1.65 (42.0)	6.69 (170.0)	33 (838)	43 (1090)
CSJA-1524	15 kV	750-1250	1.28-2.05 (32.50-52.0)	2.60 (66.0)	2/0	1.85 (47.0)	7.90 (200.0)	37 (939)	49 (1244)
CSJA-2822	28 kV	#1-500	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	1.50 (38.0)	5.50 (140.0)	29 (737)	39 (990)
CSJA-2823	28 kV	4/0-750	1.03-1.58 (26.20-40.0)	2.05 (52.1)	2/0	1.65 (42.0)	6.69 (170.0)	33 (838)	43 (1090)
CSJA-2824	28 kV	500-1250	1.28-2.05 (32.50-52.0)	2.60 (66.0)	2/0	1.85 (47.0)	7.90 (200.0)	37 (939)	49 (1244)
CSJA-3523	35 kV	1/0-350	1.03-1.49 (26.20-37.8)	2.05 (52.1)	2/0	1.40 (35.6)	5.50 (140.0)	33 (838)	43 (1090)
CSJA-3524	35 kV	350-1000	1.28-2.05 (34.54-52.0)	2.60 (66.0)	2/0	1.96 (50.0)	7.90 (200.0)	37 (939)	49 (1244)
CSJA-3525	35 kV	750-1250	1.63-2.36 (41.40-60.0)	2.60 (66.0)	2/0	2.36 (60.0)	7.90 (200.0)	37 (939)	49 (1244)
CSJA Joint With Copper Mechanical Shear Bolt Connector									
CSJA-1521M1	15 kV	2/0-350	0.69-1.20 (17.5-30.5)	1.50 (38.1)	1/0	0.376-0.736 (9.50-18.7)		29 (737)	39 (990)
CSJA-1522M1	15 kV	4/0-500	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.376-0.736 (9.50-18.7)		29 (737)	39 (990)
CSJA-1522M2	15 kV	350-750	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.570-0.945 (14.5-24.0)		29 (737)	39 (990)
CSJA-1523M2	15 kV	350-750	1.03-1.58 (26.2-40.0)	2.05 (52.1)	2/0	0.570-0.945 (14.5-24.0)		33 (838)	43 (1090)
CSJA-2822M1	28 kV	2/0-500	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.376-0.736 (9.50-18.7)		29 (737)	39 (990)
CSJA-2823M2	28 kV	350-750	1.03-1.58 (26.2-40.0)	2.05 (52.1)	2/0	0.570-0.945 (14.5-24.0)		33 (838)	43 (1090)
CSJA-2824M2	28 kV	500-750	1.28-2.05 (32.50-52.0)	2.60 (66.0)	2/0	0.570-0.945 (14.5-24.0)		37 (939)	49 (1244)
CSJA-3523M1	35 kV	2/0-350	1.03-1.49 (26.20-37.8)	2.05 (52.1)	2/0	0.376-0.736 (9.50-18.7)		33 (838)	43 (1090)
CSJA-3524M2	35 kV	350-750	1.28-2.05 (34.54-52.0)	2.60 (66.0)	2/0	0.570-0.945 (14.5-24.0)		37 (939)	49 (1244)
* Min./max. diameter over cable conductor accepted by the copper mechanical connector.									
CSJA Joint with Aluminum Mechanical Shear Bolt Connector									
CSJA-1521M4	15 kV	#2-3/0	0.69-1.20 (17.5-30.5)	1.50 (38.1)	1/0	0.268-0.470 (6.80-11.9)		29 (737)	39 (990)
CSJA-1521M5	15 kV	#2-350	0.69-1.20 (17.5-30.5)	1.50 (38.1)	1/0	0.268-0.681 (6.80-17.3)		29 (737)	39 (990)
CSJA-1522M6	15 kV	350-750	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.423-0.813 (10.7-20.6)		29 (737)	39 (990)
CSJA-1522M7	15 kV	350-750	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.736-0.998 (18.7-25.3)		29 (737)	39 (990)
CSJA-1523M8	15 kV	350-750	1.03-1.58 (26.20-40.0)	2.05 (52.1)	2/0	0.616-0.998 (15.7-25.3)		33 (838)	43 (1090)
CSJA-1524M9	15 kV	750-1000	1.28-2.05 (32.50-52.0)	2.60 (66.0)	2/0	0.813-1.152 (20.6-29.2)		37 (939)	49 (1244)
CSJA-2822M5	28 kV	#1-350	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.268-0.681 (6.80-17.3)		29 (737)	39 (990)
CSJA-2822M6	28 kV	4/0-500	0.87-1.40 (22.1-35.6)	1.80 (46.0)	1/0	0.423-0.813 (10.7-20.6)		29 (737)	39 (990)
CSJA-2823M8	28 kV	350-750	1.03-1.58 (26.20-40.0)	2.05 (52.1)	2/0	0.616-0.998 (15.7-25.3)		33 (838)	43 (1090)
CSJA-2824M8	28 kV	500-750	1.28-2.05 (32.50-52.0)	2.60 (66.0)	2/0	0.616-0.998 (15.7-25.3)		37 (939)	49 (1244)
CSJA-2824M9	28 kV	750-1000	1.28-2.05 (32.50-52.0)	2.60 (66.0)	2/0	0.813-1.152 (20.60-29.2)		37 (939)	49 (1244)
CSJA-3523M5	35 kV	1/0-350	1.03-1.49 (26.20-37.8)	2.05 (52.1)	2/0	0.268-0.681 (6.8-17.3)		33 (838)	43 (1090)
CSJA-3524M8	35 kV	350-750	1.28-2.05 (34.54-52.0)	2.60 (66.0)	2/0	0.616-0.998 (15.7-25.3)		37 (939)	49 (1244)
CSJA-3524M9	35 kV	750-1000	1.28-2.05 (34.54-52.0)	2.60 (66.0)	2/0	0.813-1.152 (20.60-29.2)		37 (939)	49 (1244)
CSJA-3525M10	35 kV	1000-1250	1.63-2.36 (41.40-60.0)	2.60 (66.0)	2/0	1.060-1.251 (23.0-31.7)		37 (939)	49 (1244)
* Min/max diameter over cable conductor accepted by the aluminum mechanical connector.									