



COLD SHRINK JOINT FOR URD CABLES (CSJU) IN LINE JOINT FOR JCN SHIELDED URD CABLES (15-25 KV)

KEY FEATURES

- **Easy release spiral holdout.**
- **Pre-expanded, single piece silicone rubber joint body with high mechanical expansion capability allows a wide application range.**
- **Pre-expanded EPDM re-jacketing sleeve provides superior moisture and environmental sealing.**
- **All-in-One design is compact and requires less working space (trench) to install.**
- **Option to include range-taking aluminum ShearBolt or aluminum compression splice**

TE Connectivity's (TE) Raychem CSJU provides a superior cold applied solution to splice jacketed concentric neutral URD (Underground Residential Distribution) cables. The range of the CSJU extends 15 kV #2 - 4/0 AWG and 25 kV #1 - 2/0 AWG.

The silicone rubber body provides high dielectric strength, high tear strength, low tension set, and excellent low temperature recovery. Integrated geometric stress control, created by factory molded stress cones and a Faraday cage, is a technology that has been proven by TE's Raychem products with long term field service.

The CSJU's unique pass through tube design provides a simple means for connecting the concentric neutrals internal to the splice, under the outer EPDM re-jacketing sleeve. The joint accepts both compression and (bolted) mechanical connectors. When a shear bolt connector is used, this is a totally crimpless system.

The CSJU meets IEEE-404 requirements for 15 kV through 25 kV. Each silicone splice body is factory tested to include AC withstand and partial discharge in accordance with IEEE-404 production tests. All TE shear bolt and compression connectors offered with the CSJU meet the ANSI C119.4 electrical standard.

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

COLD SHRINK JOINT FOR URD CABLES (CSJU)



Selection information: Dimensions in inches (millimeters)

CSJU WITHOUT CONNECTOR						
Voltage Class	Catalog Number	Nominal Cable Range	Min - Max Insulation Diameter	Max. Jacket O.D.	Connector Dimensions	
					Max. O.D.	Max. Length
15 kV	CSJU-1511	#2 - 4/0	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)	1.00 (25.4)	3.25 (82.5)
25 kV	CSJU-2511	#1 - 2/0	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)	1.00 (25.4)	3.25 (82.5)

CSJU WITH ALUMINUM SHEAR BOLT CONNECTOR				
Voltage Class	Catalog Number	Nominal Cable Range	Min - Max Insulation Diameter	Max. Jacket O.D.
15 kV	CSJU-1511-SB1	#2 - 1/0	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
15 kV	CSJU-1511-SB2	#2 - 4/0	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
25 kV	CSJU-2511-SB1	#1 - 1/0	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)
25 kV	CSJU-2511-SB2	#1 - 2/0	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)

CSJU WITH ALUMINUM COMPRESSION CONNECTOR				
Voltage Class	Catalog Number	Nominal Cable Range	Min - Max Insulation Diameter	Max. Jacket O.D.
15 kV	CSJU-1511-ALC0	#2 STR-SOL, #1 SOL	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
15 kV	CSJU-1511-ALC1	#1 STR-CPT, 1/0 CPT-SOL	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
15 kV	CSJU-1511-ALC2	1/0 STR-CMPR, 2/0 CPT	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
15 kV	CSJU-1511-ALC3	2/0-STR-CMPR, 3/0 CPT	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
15 kV	CSJU-1511-ALC4	3/0 STR-CMPR, 4/0 CPT	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
15 kV	CSJU-1511-ALC5	4/0 STR-CMPR	0.64 - 0.99 (16.3 - 25.1)	1.26 (32.0)
25 kV	CSJU-2511-ALC0	#2 STR-SOL, #1 SOL	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)
25 kV	CSJU-2511-ALC1	#1 STR-CPT, 1/0 CPT-SOL	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)
25 kV	CSJU-2511-ALC2	1/0 STR-CMPR, 2/0 CPT	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)
25 kV	CSJU-2511-ALC3	2/0-STR-CMPR, 3/0 CPT	0.84 - 1.03 (21.3 - 26.2)	1.26 (32.0)

ORDERING INFORMATION

1. Selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AEIC standard. Nominal insulation thickness (100%): 15 kV: 175mils, 25 kV: 260mils.
2. Select the appropriate catalog number using the insulation O.D. and jacket O.D. range as the final ordering criteria.
3. For other applications or if you have questions, contact your TE representative.
4. Standard package: 1 kit per box.
5. Related test reports: EDR 5643, EDR 5644

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