

# CSJ 10 SERIES

INSULATE  
SEAL  
PROTECT

## COLD SHRINK MEDIUM VOLTAGE JOINTS

COLD SHRINK CABLE JOINTS FOR 1/C, 15 KV XLPE AND EPR EXTRUDED DIELECTRIC BARE AND JACKETED CONCENTRIC NEUTRAL POWER CABLES FOR THE ELECTRICAL UTILITY MARKET.

### FEATURES

- Versatile, Cold Shrink design
- Quick and Easy installation
- Accommodates wide range of conductor sizes
- Geometric stress cone & stress controlling sealant
- Spiral ripcord housing
- Cold shrink jacketing tube

### BENEFITS

- Compact design for all types of extruded dielectric cables covering the full range from #2 AWG to 1000 kcmil
- One piece joint designed for quick, easy and cost effective installation
- Provides exceptional performance & secondary seal
- Ripcord unwinds easily to facilitate quick removal of the core
- Demonstrates superior cable sealing & voltage withstand characteristics per electrical utility industry standards
- Designed for use with in-line compression connector
- Tough rubber outer covering protects against damage from improper backfill

### STANDARDS

- Rated to IEEE-404-2000

### TEST REPORTS

The CSJ Series Joints were tested to the requirements of IEEE-404-2000 at an independent laboratory.

Test report available:  
HVS.290310



## DIMENSIONS

ORDER NUMBER	CONDUCTOR SIZE RANGE	INSULATION O.D. RANGE		JACKET O.D. MAXIMUM		CONNECTOR DIMENSIONS				NOMINAL KIT INSTALLED LENGTH	
						MAXIMUM O.D.		MAXIMUM LENGTH			
						IN	MM	IN	MM	IN	MM
BARE CONCENTRIC NEUTRAL											
15 KV (175 - 220 MILS)											
CSJ 1510	#2 AWG	0.51-0.64	13-16.2	0.91	23	0.51	13	3.15	80	18	455
CSJ 1511	#2 AWG - #1/0	0.64-0.79	16.2-20.2	1.10	28	0.64	16.2	3.15	80	18	455
CSJ 1512	#2/0 AWG - 250 kcmil	0.79-1.04	20-26.4	1.42	36	0.79	20	3.95	100	18	455
CSJ 1513	350-500 kcmil	1.02-1.45	26-36.8	1.77	45	1.02	26	5.50	140	20	505
CSJ 1514	750 - 1000 kcmil	1.34-1.77	34-45	2.28	58	1.45	36.8	5.50	140	20	505

JACKETED CONCENTRIC NEUTRAL											
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CSJ 1513	350-500 kcmil	1.02-1.45	26-36.8	1.77	45	1.02	26	5.50	140	20	505
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## ORDERING

- Find the cable's voltage class and conductor size(s) to be spliced. Select the kit order number that covers the conductor size range and cable insulation O.D. range.
- Confirm the dimensional data particularly when the conductor size range is at the extremes of the range. The overlap in size range allows for size transitions when splicing different cable sizes. The determining factors for selection are that the dimension ranges for the primary insulation and connector dimensions are met and the jacket diameter maximums are not exceeded.
- A cable preparation/cleaning kit can be included with the kit by adding the suffix "P" to the end of the order number.