

INSULATE
SEAL
PROTECT

COLD SHRINK MEDIUM VOLTAGE JOINTS

COLD SHRINK CABLE JOINTS FOR 1/C, 5 - 15 KV XLPE AND EPR EXTRUDED DIELECTRIC METAL TAPE, WIRE SHIELDED POWER CABLES FOR THE ELECTRICAL CONSTRUCTION MARKETS.

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 #4 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		
5 kV (90-110 MILS)											
CSJ 820	#4 - #2/0 AWG	0.51-0.64	13-16.2	0.91	23	0.64	16.2	3.15	80	18	455
CSJ 821	#2/0 - 250 kcmil	0.64-0.79	16.2-20.2	1.10	28	0.79	20.2	3.15	80	18	455
CSJ 822	250 - 500 kcmil	0.79-1.04	20-26.4	1.42	36	1.04	26.4	3.95	100	18	455
CSJ 823	500 - 1000 kcmil	1.02-1.45	26-36.8	1.77	45	1.45	36.8	5.50	140	20	505
8 kV (115 MILS)											
CSJ 820	#4 - #1/0 AWG	0.51-0.64	13-16.2	0.91	23	0.64	16.2	3.15	80	18	455
CSJ 821	#1/0 - #4/0	0.64-0.79	16.2-20.2	1.10	28	0.79	20.2	3.15	80	18	455
CSJ 822	#4/0 - 500 kcmil	0.79-1.04	20-26.4	1.42	36	1.04	26.4	3.95	100	18	455
CSJ 823	500 - 1000 kcmil	1.02-1.45	26-36.8	1.77	45	1.45	36.8	5.50	140	20	505
15kV (175-220 MILS)											
CSJ 1520	#2	0.51-0.64	13-16.2	0.91	23	0.64	16.2	3.15	80	18	455
CSJ 1521	#2 - #1/0	0.64-0.79	16.2-20.2	1.10	28	0.79	20.2	3.15	80	18	455
CSJ 1522	#1/0 - 350 kcmil	0.79-1.04	20-26.4	1.42	36	1.04	26.4	3.95	100	18	455
CSJ 1523	350 - 750 kcmil	1.02-1.45	26-36.8	1.77	45	1.45	36.8	5.50	140	20	505
CSJ 1524	750- 1000 kcmil	1.45-1.77	36.8-45	2.28	58	1.77	45	5.50	140	20	505

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.