

CJ N50 SERIES

INSULATE
SEAL
PROTECT

HEAT SHRINK MEDIUM VOLTAGE JOINTS

HEAT SHRINK SPLICES FOR SINGLE, THREE CORE AND THREE CORE ARMoured, 5 kV THROUGH 8 kV, XLPE AND EPR NON-SHIELDED CABLES FOR THE UTILITY AND CONSTRUCTION MARKETS

FEATURES AND BENEFITS

- Fast, consistent installation means lower installed costs
- Installation environment: use of torch adds flexibility to cable preparation in any climate
- Heat activated seal ensures maximum protection against moisture ingress
- Customer tailored with options to your exacting needs
- Lightweight construction requires no additional support
- Wide cable ranges for reduced inventory requirements
- Tough abrasion resistant outer covering protects against damage from improper backfill
- Slim profile allows installation in confined areas

STANDARDS

- Rated to IEEE 404-2000



PRODUCT LINE

CJ N50 series

- 1/C, 5 - 8 kV non-shielded extruded dielectric (XLPE or EPR) fixed power cable splices. They are available as three each single core kits per box for XLPE and EPR insulated cables.

CJ N350 series

- 3/C, 5 - 8 kV non-shielded extruded dielectric (XLPE or EPR) fixed power cable splices. They are available in one, three core kit per box.

CJ N3A50 series

- 3/C armoured, 5 - 8 kV non-shielded extruded dielectric (XLPE or EPR) 3/C fixed power cable splices. They are available in one, three core kit per box.

CJ N50 series single core kits can be converted to 3/C and 3/C armoured kits by purchasing a CJ3MOD or CJ3AMOD conversion kit. Consult factory for details.

DIMENSIONS - FOR VOLTAGE CLASS 5 - 8 kV

ORDER NUMBER	CONDUCTOR SIZE RANGE	INSULATION O.D. RANGE		JACKET O.D. MAX.		CONNECTOR DIMENSIONS				STANDARD PACKAGE KITS/BOX
						O.D. MAX.		LENGTH MAX.		
						IN	MM	IN	MM	
1/C CABLE										
CJ N51	#4 - 2/0 AWG	0.35 - 0.75	9 - 19	0.85	22	0.65	17	3.00	76	3 - 1/C
CJ N52	1/0 - 350 kcmil	0.55 - 1.05	14 - 27	1.20	30	1.00	26	4.00	102	3 - 1/C
CJ N53	300 - 1000 kcmil	0.95 - 1.65	24 - 47	1.85	47	1.85	47	6.00	154	3 - 1/C
3/C CABLE										
CJ N351	#4 - 2/0 AWG	0.35 - 0.75	9 - 19	0.85	22	3.00	76	3.00	76	1 - 3/C
CJ N352	1/0 - 350 kcmil	0.55 - 1.05	14 - 27	1.20	30	3.00	76	4.00	102	1 - 3/C
CJ N353	300 - 1000 kcmil	0.95 - 1.65	24 - 47	1.85	47	4.00	102	6.00	154	1 - 3/C
3/C ARMoured CABLE										
CJ N3A51	#4 - 2/0 AWG	0.35 - 0.75	9 - 19	0.85	22	3.00	76	3.00	76	1 - 3/C
CJ N3A52	1/0 - 350 kcmil	0.55 - 1.05	14 - 27	1.20	30	3.00	76	4.00	102	1 - 3/C
CJ N3A53	300 - 1000 kcmil	0.95 - 1.65	24 - 47	1.85	47	4.00	102	6.00	154	1 - 3/C

ORDERING

- Select the splice kit size for the non-shielded cable to be spliced.
- Confirm that the minimum and maximum cable dimensions are not exceeded. When at the high end of the conductor range it may be necessary to select the next larger kit size. Dimensions are based on the cable dimensions in the ICEA cable standards.
- To include a cable preparation kit with the splice kit add the suffix "P" to the end of the part number. FOR EXAMPLE: a 5 kV splice for 2/0 cable with a cable preparation kit would be CJ N51P.