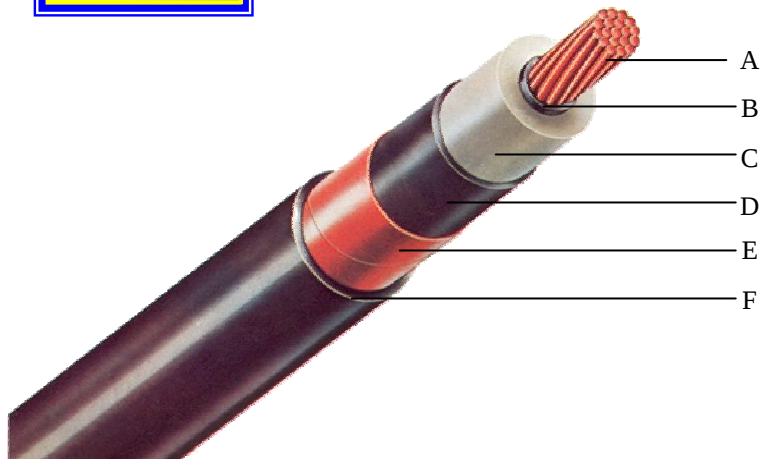


Single Conductor 69 kV cable, for conduit, duct, tray, aerial or direct burial installation.

**CONTINUOUS
DRY CURE &
COOLING PROCESS**

CONSTRUCTION ELEMENTS

- A.** Annealed copper or EC aluminum conductor compressed concentric stranded.
- B.** XLPE extruded semi-conducting strand shield.
- C.** 90°C TR-XLPE insulation.
- D.** XLPE extruded semi-conducting insulation shield.
- E.** Copper tape shield , helicoidally served.
- F.** PVC outer jacket.



AEIC CS-7-93

PRINCIPALS CHARACTERISTICS

Continuous operating temperature _____ 90° C
Maximum Operating voltage _____ 69000 V

Conductor Size (AWG / MCM)	Stranded Conductor				Thickness (mils)		Aprox. weight (Pounds/kft)		Overall Diam. (inch)	Ampacities (Cu)		
	Section (MCM)	Number of Wires	Diameter (inch)							Direct Burial	In Duct	In Air
			Wires	Strand	Insulat.	Jacket	Cu	Al				
500	500	37	0.116	0.789	650	110	3694	2621	2.531	611	524	722
600	600	61	0.099	0.866	650	110	4100	2810	2.608	673	578	806
750	750	61	0.111	0.970	650	110	4701	3086	2.713	750	646	914
1000	1000	61	0.128	1.118	650	140	5843	3696	2.935	861	743	1074
1250	1250	91	0.117	1.252	650	140	6802	4110	3.069	894	781	1148
1500	1500	91	0.128	1.370	650	140	7723	4501	3.189	917	799	1179
1750	1750	127	0.117	1.479	650	140	8624	4867	3.299	938	824	1300

Options:

- 1 Polyethylene outer jacket
- 2 "Sun light resistant" - "Cable Tray Use"
- 3 Concentric Neutral

The data listed above is approximate and subject to normal manufacturing tolerances. Specifications are subject to change without notice.