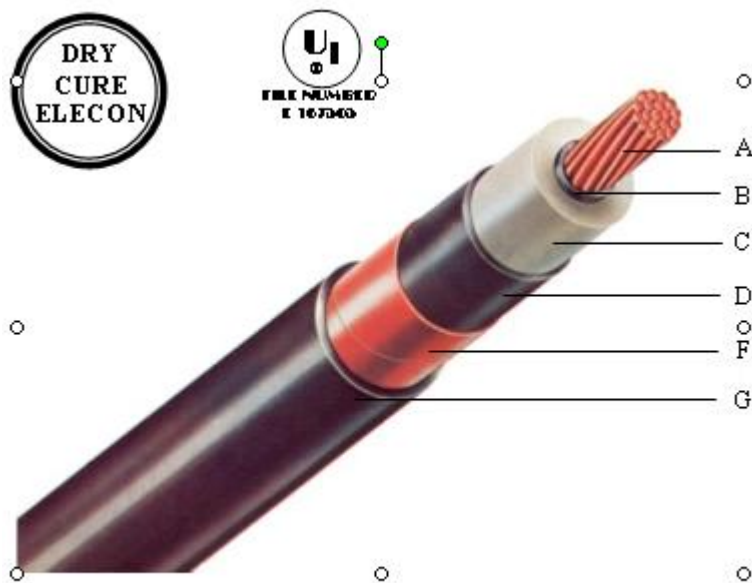


SINGLE CONDUCTOR XLPE 35 KV 100% INSULATION CONDUCTOR WATER BLOCKING

Single Conductor 35 kV cable, for conduit, duct, tray, aerial or direct burial installation.

CONSTRUCTION ELEMENTS

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



NEMA WC71-1999 / AEIC CS-8-00

PRINCIPAL CHARACTERISTICS

Continuous operating temperature	90°C
Maximum Operating voltage	35000 V
Test voltage	69 KVAC
Partial discharge at test voltage	< 5 pC

Conductor Size (AWG / MCM)	Stranded Conductor				Thickness (mils)		Aprox. weight (Pounds/kft)		Overall Diam. (inch)	Ampacities					
	Section (MCM)	Number of Wires	Diameter (inch)							Direct, Burial		In Duct		In Air	
			Wires	Strand	Insulat.	Jacket	Cu	Al		Cu	Al	Cu	Al		
1/0	106	19	0.074	0.362	345	80	982	756	1.372	275	216	226	177	295	231
2/0	133	19	0.084	0.407	345	80	1105	818	1.417	312	245	256	201	338	265
3/0	168	19	0.094	0.457	345	80	1251	890	1.467	354	279	290	229	388	305
4/0	212	19	0.106	0.512	345	80	1429	974	1.522	400	316	329	260	445	350
250	250	37	0.082	0.559	345	80	1588	1050	1.569	438	347	361	286	493	389
300	300	37	0.090	0.612	345	80	1787	1140	1.622	483	383	397	316	549	435
350	350	37	0.097	0.661	345	110	2045	1293	1.732	518	413	431	344	595	473
500	500	37	0.116	0.789	345	110	2642	1569	1.876	622	501	519	419	734	587
750	750	61	0.111	0.970	345	110	3590	1974	2.057	761	622	638	523	929	753
1000	1000	61	0.128	1.118	345	110	4517	2371	2.220	870	722	733	610	1090	896
1250	1250	91	0.117	1.252	345	110	5433	2741	2.354	926	814	759	667	1161	1013
1500	1500	91	0.128	1.370	345	110	6313	3090	2.472	963	972	788	714	1207	1085

Options:

1 PVC outer jacket

2 "Sun light resistant" - "Cable Tray Use"

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