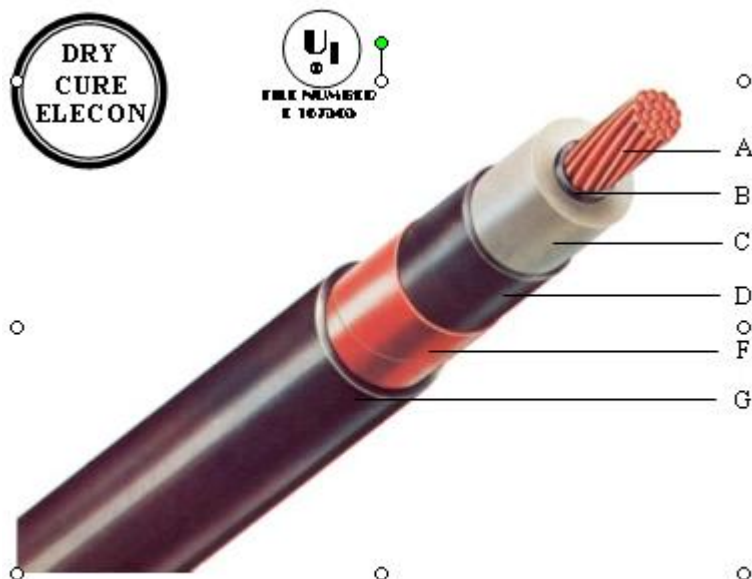


SINGLE CONDUCTOR XLPE 25 KV 133% INSULATION CONDUCTOR WATER BLOCKING

Single Conductor 25 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	25000 V
Test voltage	64 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)		Insulat.	Jacket	Cu	Al		Direct. Burial		In Duct		In Air	
			Wires	Strand						Cu	Al	Cu	Al	Cu	Al
1	84	19	0.067	0.323	320	80	841	660	1.281	242	189	198	155	256	200
1/0	106	19	0.074	0.362	320	80	935	709	1.321	275	216	226	177	295	231
2/0	133	19	0.084	0.407	320	80	1057	770	1.366	312	245	256	201	338	265
3/0	168	19	0.094	0.457	320	80	1201	839	1.415	354	279	290	229	388	305
4/0	212	19	0.106	0.512	320	80	1377	922	1.470	400	316	329	260	445	350
250	250	37	0.082	0.559	320	80	1534	997	1.518	438	347	361	286	493	389
300	300	37	0.090	0.612	320	80	1731	1085	1.571	483	383	398	316	549	435
350	350	37	0.097	0.661	320	80	1922	1171	1.620	518	413	431	344	595	473
500	500	37	0.116	0.789	320	110	2555	1483	1.809	622	501	519	419	734	587
750	750	61	0.111	0.970	320	110	3521	1904	2.006	761	622	638	523	929	753
1000	1000	61	0.128	1.118	320	110	4443	2296	2.169	870	722	733	610	1090	896
1250	1250	91	0.117	1.252	320	110	5354	2661	2.303	957	957	784	716	1200	1089

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.