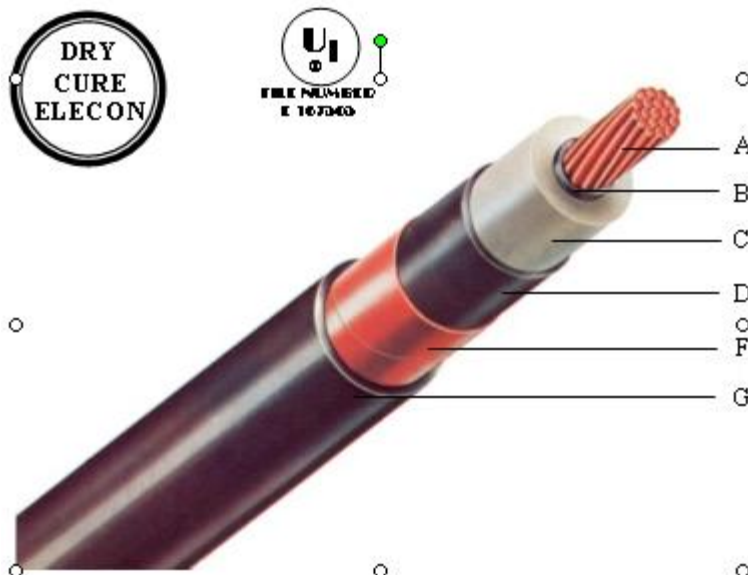


Single Conductor 5 kV cable, for conduit, duct, tray, aerial or direct burial installation.

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	5000 V
Test voltage	18 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
8	17	7	0.049	0.146	90	60	191	155	0.589	109	85	78	61	97	76
6	26	7	0.061	0.183	90	60	235	179	0.626	139	108	101	78	128	99
4	42	7	0.077	0.231	90	60	303	213	0.675	179	140	130	101	168	131
2	66	7	0.097	0.292	90	60	404	262	0.736	230	180	168	131	221	173
2	66	19	0.059	0.287	90	60	401	258	0.730	230	180	168	131	221	173
1	84	19	0.067	0.323	90	60	470	289	0.766	276	205	193	150	265	200
1/0	106	19	0.074	0.362	90	60	552	326	0.805	297	233	218	171	296	232
2/0	133	19	0.084	0.407	90	80	680	393	0.890	337	264	248	195	341	267
3/0	168	19	0.094	0.457	90	80	810	448	0.939	377	296	283	222	390	306
4/0	212	19	0.106	0.512	90	80	969	514	0.994	426	336	312	253	450	354
250	250	37	0.082	0.559	90	80	1112	574	1.041	457	365	346	277	492	393
300	300	37	0.090	0.612	90	80	1293	647	1.094	501	403	381	307	548	440
350	350	37	0.097	0.661	90	80	1469	717	1.144	541	437	414	335	601	485
500	500	37	0.116	0.789	90	80	2011	939	1.287	645	527	499	408	743	605
750	750	61	0.111	0.970	90	80	2892	1276	1.469	782	650	615	512	945	782
1000	1000	61	0.128	1.118	90	80	3759	1612	1.632	888	751	706	598	1109	933

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.