

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 EPR insulation.
- D.** XLPE extruded semi-conducting insulation shield “EASY STRIP” .
- E.** Copper tape shield , helicoidally served.
- F.** PE outer jacket.



NEMA WC74-2000 / AEIC CS-8-00

Principal Characteristics

Continuous operating temperature	_____	90°C
Maximum Operating voltage	_____	25000 V
Test voltage	_____	52 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	
1	84	19	0.067	0.323	260	80	791	611	1.148	246	193	197	154	257	201
1/0	106	19	0.074	0.362	260	80	886	660	1.187	280	220	224	176	297	233
2/0	133	19	0.084	0.407	260	80	1009	721	1.232	317	249	254	200	340	267
3/0	168	19	0.094	0.457	260	80	1170	808	1.297	359	283	288	228	390	307
4/0	212	19	0.106	0.512	260	80	1347	893	1.352	406	321	326	259	448	353
250	250	37	0.082	0.559	260	80	1506	968	1.400	444	353	358	285	496	393
300	300	37	0.090	0.612	260	80	1705	1058	1.453	489	389	394	315	553	439
350	350	37	0.097	0.661	260	80	1897	1145	1.502	529	423	428	343	606	482
500	500	37	0.116	0.789	260	80	2464	1391	1.630	634	512	515	417	747	600
750	750	61	0.111	0.970	260	110	3497	1881	1.888	766	629	633	521	934	762
1000	1000	61	0.128	1.118	260	110	4424	2277	2.051	874	729	726	607	1096	907
1250	1250	91	0.117	1.252	260	110	5338	2646	2.185	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.