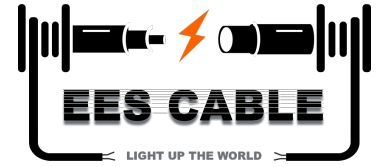


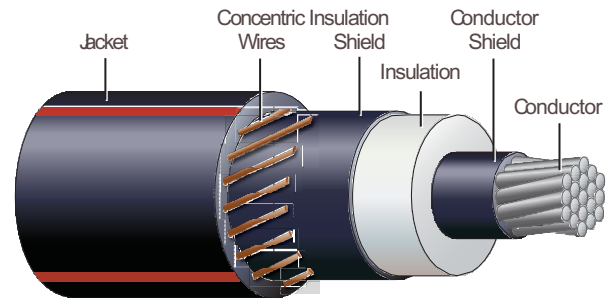
25kV Aluminum Conductor 90° C (100% – .260") Concentric Cable Medium Voltage



Underground Residential Distribution Cable (URD)

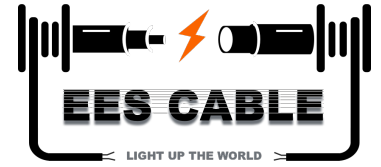
25kV Aluminum Conductor 90°C
(100% – .260")

- Conductor Shield – Semi-Conducting Layer
- Insulation – TRXLPE
- Insulation Shield – Semi-Conducting Layer
- Concentric Wires – One-third and Full Neutral
- Jacket – Non-Conducting Polyethylene (LLDPE) with 3 Red Stripes, Semi-Conducting Available



Aluminum	Conductor		Copper Neutral		Diameter* (per ANSI/ICEAS-94-649)				Weights (lbs/ft)			
	AWG or kcmil	Number of Strands	Number of Wires	Size AWG	Conductor	Min. Over Insulation	Max. Over Insulation	Over Embedded Jacket	Conductor	Neutral	Total Without Jacket	Total With Embedded Jacket
Full Neutral	1	SOLID	13	14	0.289	0.805	0.895	1.170	0.0785	0.174	0.518	0.671
	1	19	13	14	0.322	0.835	0.925	1.195	0.0787	0.174	0.535	0.687
	1/0	SOLID	16	14	0.325	0.840	0.930	1.205	0.0972	0.212	0.590	0.748
	1/0	19	16	14	0.362	0.875	0.965	1.230	0.0991	0.212	0.614	0.767
	2/0	19	13	12	0.406	0.920	1.010	1.275	0.1249	0.276	0.722	0.905
	3/0	19	16	12	0.456	0.970	1.060	1.370	0.1575	0.340	0.875	1.065
One-Third Neutral	4/0	19	20	12	0.512	1.025	1.115	1.430	0.1986	0.425	1.025	1.241
	1/0	SOLID	6	14	0.325	0.840	0.930	1.205	0.0972	0.080	0.460	0.631
	1/0	19	6	14	0.362	0.875	0.965	1.230	0.0991	0.080	0.475	0.650
	2/0	19	7	14	0.406	0.920	1.010	1.275	0.1249	0.093	0.540	0.715
	3/0	19	9	14	0.456	0.970	1.060	1.350	0.1575	0.120	0.655	0.842
	4/0	19	11	14	0.512	1.025	1.115	1.400	0.1986	0.145	0.750	0.966
	250	37	13	14	0.558	1.080	1.175	1.460	0.2347	0.173	0.852	1.117
	350	37	11	12	0.661	1.185	1.275	1.565	0.3286	0.240	1.060	1.380
	500	37	16	12	0.789	1.310	1.405	1.795	0.4694	0.340	1.369	1.721
750	61	15	10	0.968	1.500	1.595	2.010	0.7040	0.505	1.920	2.373	
1000	61	20	10	1.117	1.645	1.740	2.205	0.9387	0.680	2.405	2.870	

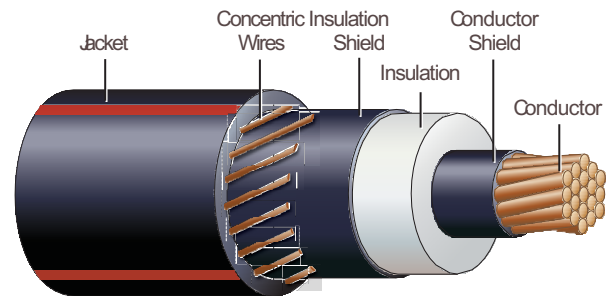
25kV Copper Conductor 90° C (100% – .260") Concentric Cable Medium Voltage



Underground Residential Distribution Cable (URD)

25kV Copper Conductor 90°C
(100% – .260")

- Conductor Shield – Semi-Conducting Layer
- Insulation – TRXLPE
- Insulation Shield – Semi-Conducting Layer
- Concentric Wires – One-third and Full Neutral
- Jacket – Non-Conducting Polyethylene (LLDPE) with 3 Red Stripes, Semi-Conducting Available



Copper	Conductor		Copper Neutral		Diameter* (per ANSI/ICEAS-94-649)				Weights (lbs/ft)			
	AWG or kcmil	Number of Strands	Number of Wires	Size AWG	Conductor	Min. Over Insulation	Max. Over Insulation	Over Embedded Jacket	Conductor	Neutral	Total Without Jacket	Total With Embedded Jacket
Full Neutral	1	19	13	12	.322	0.835	0.925	1.195	0.259	0.301	0.615	0.701
	1/0	19	16	12	.362	0.875	0.965	1.265	0.326	0.370	1.044	1.133
	2/0	19	20	12	.406	0.920	1.010	1.310	0.411	0.463	1.232	1.321
	3/0	19	25	12	.456	0.970	1.060	1.380	0.518	0.578	1.502	1.594
	4/0	19	20	10	.512	1.025	1.115	1.475	0.653	0.740	1.828	1.919
One-Third Neutral	1/0	19	9	14	.362	0.875	0.965	1.230	0.326	0.131	0.826	0.912
	2/0	19	11	14	.406	0.920	1.010	1.275	0.411	0.160	0.960	1.048
	3/0	19	14	14	.456	0.970	1.060	1.320	0.518	0.203	1.168	1.261
	4/0	19	11	12	.512	1.025	1.115	1.400	0.653	0.255	1.414	1.528
	250	37	13	12	.558	1.080	1.175	1.460	0.772	0.301	1.628	1.780
	350	37	12	10	.661	1.185	1.275	1.600	1.080	0.440	2.083	2.266
	500	37	17	10	.789	1.310	1.405	1.835	1.544	0.624	2.858	3.050
	750	61	25	10	.968	1.500	1.595	2.080	2.316	0.918	4.071	4.280
1000	61	26	9	1.117	1.645	1.740	2.280	3.088	1.212	5.190	5.404	