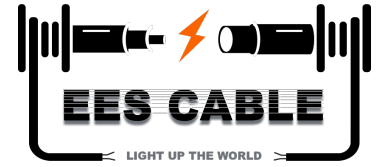


25kV .260" TRXLPE concentric neutral underground cable

Concentric Cable Medium Voltage



Electrical Data

.260" TRXLPE 25kV concentric neutral underground cable, 100% insulation thickness, compressed stranding and solid conductors.

Aluminum	Conductor		Copper Neutral		Resistance DC OHMS per 1000' @ 90°C	Inductive Reactance OHMS per 1000'	Ampacity – 20°C Ambient 100% LF, RHO-90		
	AWG or kcmil	Number of Strands	Number of Wires	Size AWG			1/C Direct Buried	1/C Duct Buried	1/C Duct In Air
Full Neutral	1	SOLID	13	14	.2600	.033	195	145	127
	1	19	13	14	.2650	.031	195	145	127
	1/0	SOLID	16	14	.2060	.031	220	165	145
	1/0	19	16	14	.2110	.030	220	165	145
	2/0	19	13	12	.1670	.028	250	190	167
	3/0	19	16	12	.1320	.027	290	210	185
	4/0	19	20	12	.1050	.026	325	245	215
One-Third Neutral						OHMS to Neutral per 1000'	3/C Direct Buried 8" Spacing	3/C Triplex in Duct	3/C Duct In Air
	1/0	SOLID	6	14	.2060	.102	225	165	145
	1/0	19	6	14	.2110	.099	225	165	145
	2/0	19	7	14	.1670	.097	250	180	158
	3/0	19	9	14	.1320	.094	275	205	180
	4/0	19	11	14	.1050	.092	310	240	210
	250	37	13	14	.0890	.089	335	260	228
	350	37	11	12	.0635	.085	395	325	285
	500	37	16	12	.0445	.082	445	390	342
	750	61	15	10	.0296	.077	515	475	417
1000	61	20	10	.0222	.074	560	525	460	

Copper	Conductor		Copper Neutral		Resistance DC OHMS per 1000' @ 90°C	Inductive Reactance OHMS per 1000'	Ampacity – 20°C Ambient 100% LF, RHO-90		
	AWG or kcmil	Number of Strands	Number of Wires	Size AWG			1/C Direct Buried	1/C Duct Buried	1/C Duct In Air
Full Neutral	1	19	13	12	.1610	.031	245	185	162
	1/0	19	16	12	.1270	.030	280	215	189
	2/0	19	20	12	.1020	.028	315	240	210
	3/0	19	25	12	.0802	.027	360	275	241
	4/0	19	20	10	.0635	.026	415	315	276
One-Third Neutral						OHMS to Neutral per 1000'	3/C Direct Buried 8" Spacing	3/C Triplex in Duct	3/C Duct In Air
	1/0	19	9	14	.1270	.099	275	215	189
	2/0	19	11	14	.1020	.097	310	250	220
	3/0	19	14	14	.0802	.094	345	285	250
	4/0	19	11	12	.0635	.092	385	320	280
	250	37	13	12	.0539	.089	410	345	303
	350	37	12	10	.0385	.085	460	405	355
	500	37	17	10	.0270	.082	520	470	412
	750	61	25	10	.0180	.077	567	550	483
1000	61	26	9	.0135	.074	625	615	540	