

Hendrix Wire and Cable Inc

INNOVATION
SOLUTIONS
VALUE

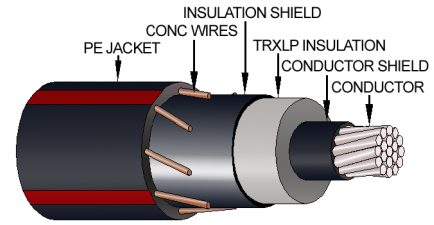


HENDRIX

Solutions
Through **Reliability,**
Value & Innovation



HQ2000 .175" TRXLP 15 KV CONCENTRIC NEUTRAL UNDERGROUND CABLE 100% INSULATION THICKNESS COMPRESSED STRANDING AND SOLID CONDUCTORS



PHYSICAL DATA

ALUMINUM	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS			
	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	2	SOLID	10	14	.258	.610	.695	.978	61.1	130	356	477
	2	7	10	14	.283	.635	.720	1.003	62.3	130	370	487
	1	SOLID	13	14	.289	.645	.725	1.008	78.5	173	424	543
	1	19	13	14	.322	.675	.760	1.038	78.5	173	437	556
	1/0	SOLID	16	14	.325	.680	.760	1.043	97.2	210	494	615
	1/0	19	16	14	.362	.715	.800	1.078	99.1	210	510	632
	2/0	19	13	12	.406	.760	.845	1.157	124.9	276	616	760
	3/0	19	16	12	.456	.810	.895	1.207	157.5	340	730	874
4/0	19	20	12	.512	.865	.950	1.262	198.6	425	875	1030	
ONE-THIRD NEUTRAL	1/0	SOLID	6	14	.325	.680	.760	1.043	97.2	80	356	460
	1/0	19	6	14	.362	.715	.800	1.078	99.1	80	373	515
	2/0	19	7	14	.406	.760	.845	1.123	124.9	94	434	575
	3/0	19	9	14	.456	.810	.895	1.173	157.5	120	510	655
	4/0	19	11	14	.512	.865	.950	1.228	198.6	147	598	759
	250	37	13	14	.558	.920	1.005	1.288	234.7	174	684	889
	350	37	11	12	.661	1.025	1.110	1.462	328.6	238	913	1175
	500	37	16	12	.789	1.150	1.235	1.562	469.4	341	1207	1498
	750	61	15	10	.968	1.340	1.425	1.884	704.0	508	1685	2057
	1000	61	20	10	1.117	1.485	1.575	2.069	938.7	683	2210	2516

COPPER	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS			
	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	2	7	16	14	.283	.635	.720	1.003	205	232	642	700
	1	19	13	12	.322	.675	.760	1.072	259	300	504	570
	1/0	19	16	12	.362	.715	.800	1.112	326	370	923	993
	2/0	19	20	12	.406	.760	.845	1.157	411	462	1107	1176
	3/0	19	25	12	.456	.810	.895	1.207	518	578	1334	1402
ONE-THIRD NEUTRAL	4/0	19	32	12	.512	.865	.950	1.262	653	740	1642	1708
	1/0	19	9	14	.362	.715	.800	1.078	326	131	708	777
	2/0	19	11	14	.406	.760	.845	1.123	411	160	836	907
	3/0	19	14	14	.456	.810	.895	1.173	518	203	1002	1074
	4/0	19	11	12	.512	.865	.950	1.262	653	255	1227	1317
	250	37	13	12	.558	.920	1.005	1.322	772	301	1427	1546
	350	37	12	10	.661	1.025	1.110	1.504	1080	440	1904	2055
	500	37	17	10	.789	1.150	1.235	1.694	1544	623	2664	2823
750	61	25	10	.968	1.340	1.425	1.884	2316	917	3794	3964	
1000	61	33	10	1.117	1.485	1.575	2.105	3088	1211	4948	5127	



HENDRIX

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**HQ2000 .175" TRXLP 15 KV CONCENTRIC NEUTRAL
UNDERGROUND CABLE 100% INSULATION THICKNESS
COMPRESSED STRANDING AND SOLID CONDUCTORS**

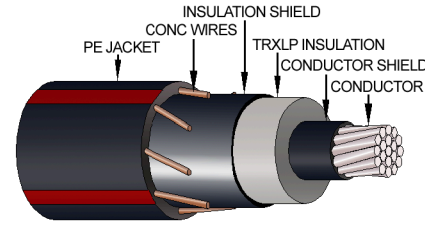
ELECTRICAL DATA

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	2	SOLID	10	14	.328	.032	170	115	100
	2	7	10	14	.336	.030	170	115	100
	1	SOLID	13	14	.260	.030	195	140	123
	1	19	13	14	.265	.029	195	140	123
	1/0	SOLID	16	14	.206	.028	230	155	135
	1/0	19	16	14	.211	.028	230	155	135
	2/0	19	13	12	.167	.025	270	185	162
	3/0	19	16	12	.132	.024	295	210	184
ONE-THIRD NEUTRAL	4/0	19	20	12	.105	.023	335	240	210
						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	.206	.102	230	165	145
	1/0	19	6	14	.211	.099	230	165	145
	2/0	19	7	14	.167	.097	250	190	167
	3/0	19	9	14	.132	.094	280	215	189
	4/0	19	11	14	.105	.092	320	245	215
	250	37	13	14	.089	.089	345	270	237
	350	37	11	12	.0635	.085	405	325	285
	500	37	16	12	.0445	.082	460	385	338
750	61	15	10	.0296	.077	515	475	417	
1000	61	20	10	.0222	.074	565	540	475	

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	2	7	16	14	.202	.030	225	160	140
	1	19	13	12	.161	.029	260	185	162
	1/0	19	16	12	.127	.028	295	210	185
	2/0	19	20	12	.102	.025	330	240	210
	3/0	19	25	12	.0802	.024	375	270	237
	4/0	19	32	12	.0635	.023	430	305	268
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	.127	.099	290	210	185
	2/0	19	11	14	.102	.097	320	240	210
	3/0	19	14	14	.0802	.094	350	275	241
	4/0	19	11	12	.0635	.092	390	315	276
	250	37	13	12	.0539	.089	415	340	298
	350	37	12	10	.0385	.085	475	415	364
	500	37	17	10	.0270	.082	525	480	420
	750	61	25	10	.0180	.077	560	530	465
1000	61	33	10	.0135	.074	600	590	518	



HQ2000 .220" TRXLP 15 KV CONCENTRIC NEUTRAL UNDERGROUND CABLE 133% INSULATION THICKNESS COMPRESSED STRANDING AND SOLID CONDUCTORS



PHYSICAL DATA

ALUMINUM	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS				
	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	2	SOLID	10	14	.258	.700	.790	1.068	61.0	130	401	537	
	2		7	14	.283	.725	.815	1.093	62.3	130	415	549	
	1	SOLID	13	14	.289	.735	.820	1.098	77.0	173	470	604	
	1		19	14	.322	.765	.855	1.128	78.5	173	487	619	
	1/0	SOLID	16	14	.325	.770	.855	1.133	97.2	210	544	680	
	1/0		19	14	.362	.805	.895	1.168	99.1	210	562	697	
	2/0		19	13	12	.406	.850	.935	1.247	124.9	275	670	830
	3/0		19	16	12	.456	.900	.985	1.297	157.5	340	787	946
4/0		19	20	12	.512	.955	1.045	1.352	198.6	425	934	1148	
ONE-THIRD NEUTRAL	1/0	SOLID	6	14	.325	.770	.855	1.133	97.2	80	423	562	
	1/0		19	6	14	.362	.805	.895	1.168	99.1	80	441	580
	2/0		19	7	14	.406	.850	.935	1.213	124.9	94	490	643
	3/0		19	9	14	.456	.900	.985	1.263	157.5	120	567	725
	4/0		19	11	14	.512	.955	1.045	1.318	198.6	147	656	842
	250		37	13	14	.558	1.010	1.100	1.418	234.7	173	781	1013
	350		37	11	12	.661	1.115	1.200	1.612	328.6	228	987	1266
	500		37	16	12	.789	1.240	1.330	1.742	469.4	340	1284	1597
	750		61	15	10	.968	1.430	1.520	1.974	704.0	506	1774	2230
1000		61	20	10	1.117	1.575	1.670	2.159	938.7	681	2301	2718	

COPPER	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS				
	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	2		7	16	14	.283	.725	.815	1.093	205	232	695	760
	1		19	13	12	.322	.765	.855	1.162	259	300	559	633
	1/0		19	16	12	.362	.805	.895	1.202	326	370	982	1060
	2/0		19	20	12	.406	.850	.935	1.247	411	462	1169	1246
	3/0		19	25	12	.456	.900	.985	1.293	518	578	1399	1475
	4/0		19	32	12	.512	.955	1.045	1.394	653	740	1747	1825
ONE-THIRD NEUTRAL	1/0		19	9	14	.362	.805	.895	1.168	326	131	767	842
	2/0		19	11	14	.406	.850	.935	1.213	411	160	897	975
	3/0		19	14	14	.456	.900	.985	1.263	518	203	1066	1145
	4/0		19	11	12	.512	.955	1.045	1.394	653	255	1333	1434
	250		37	13	12	.558	1.010	1.100	1.452	772	301	1539	1673
	350		37	12	10	.661	1.115	1.200	1.654	1080	440	1987	2149
	500		37	17	10	.789	1.240	1.330	1.784	1544	624	2754	2924
	750		61	25	10	.968	1.430	1.520	1.974	2316	918	3952	4138
1000		61	33	10	1.117	1.575	1.670	2.159	3088	1211	5061	5251	



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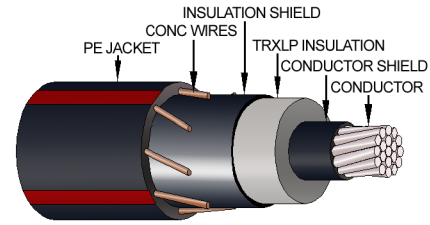
ELECTRICAL DATA

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	2	SOLID	10	14	.328	.033	170	115	100
	2	7	10	14	.336	.031	170	115	100
	1	SOLID	13	14	.260	.031	195	140	123
	1	19	13	14	.265	.029	195	140	123
	1/0	SOLID	16	14	.206	.028	230	155	135
	1/0	19	16	14	.211	.028	230	155	135
	2/0	19	13	12	.167	.026	270	185	162
	3/0	19	16	12	.132	.024	295	210	184
ONE-THIRD NEUTRAL	4/0	19	20	12	.105	.024	335	240	210
						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	.206	.102	230	165	145
	1/0	19	6	14	.211	.099	230	165	145
	2/0	19	7	14	.167	.097	250	190	167
	3/0	19	9	14	.132	.094	280	215	189
	4/0	19	11	14	.105	.092	320	245	215
	250	37	13	14	.0890	.089	345	270	237
	350	37	11	12	.0635	.085	405	325	285
	500	37	16	12	.0445	.082	460	385	338
750	61	15	10	.0296	.077	515	475	417	
1000	61	20	10	.0222	.074	565	540	475	

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	2	7	16	14	.202	.031	225	160	140
	1	19	13	12	.161	.029	260	185	162
	1/0	19	16	12	.127	.028	295	210	185
	2/0	19	20	12	.102	.026	330	240	210
	3/0	19	25	12	.0802	.024	375	270	237
	4/0	19	32	12	.0635	.024	430	305	268
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	.127	.099	290	210	185
	2/0	19	11	14	.102	.097	320	240	210
	3/0	19	14	14	.0802	.094	350	275	241
	4/0	19	11	12	.0635	.092	390	315	276
	250	37	13	12	.0539	.089	415	340	298
	350	37	12	10	.0385	.085	475	415	364
	500	37	17	10	.0270	.082	525	480	420
	750	61	25	10	.0180	.077	560	530	465
1000	61	33	10	.0135	.074	600	590	518	



HQ2000 .260" TRXLP 25 KV CONCENTRIC NEUTRAL UNDERGROUND CABLE 100% INSULATION THICKNESS COMPRESSED STRANDING AND SOLID CONDUCTORS



PHYSICAL DATA

ALUMINUM	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS			
	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	.289	.805	.895	1.178	78.5	174	518	671
	1	19	13	14	.322	.835	.925	1.208	78.7	174	535	687
	1/0	SOLID	16	14	.325	.840	.930	1.217	97.2	212	590	748
	1/0	19	16	14	.362	.875	.965	1.250	99.1	212	614	767
	2/0	19	13	12	.406	.920	1.010	1.327	124.9	276	722	905
	3/0	19	16	12	.456	.970	1.060	1.417	157.5	340	875	1065
	4/0	19	20	12	.512	1.025	1.115	1.472	198.6	425	1025	1241
ONE-THIRD NEUTRAL	1/0	SOLID	6	14	.325	.840	.930	1.217	97.2	80	460	631
	1/0	19	6	14	.362	.875	.965	1.250	99.1	80	475	650
	2/0	19	7	14	.406	.920	1.010	1.293	124.9	93	540	715
	3/0	19	9	14	.456	.970	1.060	1.383	157.5	120	655	842
	4/0	19	11	14	.512	1.025	1.115	1.438	198.6	145	750	966
	250	37	13	14	.558	1.080	1.175	1.508	234.7	173	852	1117
	350	37	11	12	.661	1.185	1.275	1.702	328.6	240	1060	1380
	500	37	16	12	.789	1.310	1.405	1.832	469.4	340	1369	1721
	750	61	15	10	.968	1.500	1.595	2.104	704.0	505	1920	2373
1000	61	20	10	1.117	1.645	1.740	2.249	938.7	680	2405	2870	

COPPER	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS			
	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	.835	.925	1.242	259	301	615	701
	1/0	19	16	12	.362	.875	.965	1.284	326	370	1044	1133
	2/0	19	20	12	.406	.920	1.010	1.327	411	463	1232	1321
	3/0	19	25	12	.456	.970	1.060	1.417	518	578	1502	1594
	4/0	19	32	12	.512	1.025	1.115	1.472	653	740	1828	1919
ONE-THIRD NEUTRAL	1/0	19	9	14	.362	.875	.965	1.250	326	131	826	912
	2/0	19	11	14	.406	.920	1.010	1.293	411	160	960	1048
	3/0	19	14	14	.456	.970	1.060	1.383	518	203	1168	1261
	4/0	19	11	12	.512	1.025	1.115	1.471	653	255	1414	1528
	250	37	13	12	.558	1.080	1.175	1.602	772	301	1628	1780
	350	37	12	10	.661	1.185	1.275	1.744	1080	440	2083	2266
	500	37	17	10	.789	1.310	1.405	1.874	1544	624	2858	3050
	750	61	25	10	.968	1.500	1.595	2.104	2316	918	4071	4280
1000	61	33	10	1.117	1.645	1.740	2.249	3088	1212	5190	5404	



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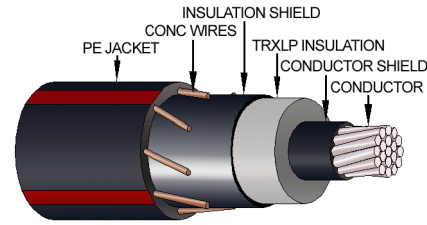
ELECTRICAL DATA

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	.260	.033	195	145	127
	1	19	13	14	.265	.031	195	145	127
	1/0	SOLID	16	14	.206	.031	220	165	145
	1/0	19	16	14	.211	.030	220	165	145
	2/0	19	13	12	.167	.028	250	190	167
	3/0	19	16	12	.132	.027	290	210	185
	4/0	19	20	12	.105	.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	.206	.102	225	165	145
	1/0	19	6	14	.211	.099	225	165	145
	2/0	19	7	14	.167	.097	250	180	158
	3/0	19	9	14	.132	.094	275	205	180
	4/0	19	11	14	.105	.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	.161	.031	245	185	162
	1/0	19	16	12	.127	.030	280	215	189
	2/0	19	20	12	.102	.028	315	240	210
	3/0	19	25	12	.0802	.027	360	275	241
	4/0	19	32	12	.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	.127	.099	275	215	189
	2/0	19	11	14	.102	.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	33	10	.0135	.074	625	615	540	



HQ2000 .345" TRXLP 35 KV CONCENTRIC NEUTRAL UNDERGROUND CABLE 100% INSULATION THICKNESS COMPRESSED STRANDING AND SOLID CONDUCTORS



PHYSICAL DATA

ALUMINUM	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS			
	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	1/0	SOLID	16	14	.325	1.010	1.110	1.432	97.2	212	745	934
	1/0	19	16	14	.362	1.045	1.145	1.458	99.0	212	768	957
	2/0	19	13	12	.406	1.090	1.190	1.593	125.0	275	885	1105
	3/0	19	16	12	.456	1.140	1.240	1.647	157.5	340	1010	1231
	4/0	19	20	12	.512	1.195	1.295	1.702	198.6	425	1170	1421
ONE-THIRD NEUTRAL	1/0	SOLID	6	14	.325	1.010	1.110	1.432	97.2	80	610	817
	1/0	19	6	14	.362	1.045	1.145	1.458	99.1	80	635	840
	2/0	19	7	14	.406	1.090	1.190	1.503	124.9	93	703	911
	3/0	19	9	14	.456	1.140	1.240	1.613	157.5	120	790	1003
	4/0	19	11	14	.512	1.195	1.295	1.668	198.6	145	890	1120
	250	37	13	14	.558	1.250	1.350	1.743	234.7	173	1005	1305
	350	37	11	12	.661	1.355	1.455	1.877	328.6	240	1225	1584
	500	37	16	12	.789	1.480	1.580	2.047	469.4	340	1599	2001
	750	61	15	10	.968	1.670	1.770	2.279	704.0	506	2125	2623
1000	61	20	10	1.117	1.815	1.920	2.424	938.7	681	2730	3137	

COPPER	CONDUCTOR		COPPER NEUTRAL		DIAMETER (PER ANSI/ICEA S-94-649-2000)				WEIGHTS			
	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	1/0	19	16	12	.362	1.045	1.145	1.492	326	370	1218	1327
	2/0	19	20	12	.406	1.090	1.190	1.597	411	463	1414	1522
	3/0	19	25	12	.456	1.140	1.240	1.647	518	579	1653	1760
	4/0	19	32	12	.512	1.195	1.295	1.702	653	741	1992	2099
ONE-THIRD NEUTRAL	1/0	19	9	14	.362	1.045	1.145	1.458	326	131	999	1102
	2/0	19	11	14	.406	1.090	1.190	1.503	411	160	1139	1244
	3/0	19	14	14	.456	1.140	1.240	1.613	518	203	1316	1423
	4/0	19	11	12	.512	1.195	1.295	1.702	653	255	1576	1707
	250	37	13	12	.558	1.250	1.350	1.777	772	301	1799	1971
	350	37	12	10	.661	1.355	1.455	1.919	1080	441	2269	2474
	500	37	17	10	.789	1.480	1.580	2.089	1544	624	3117	3337
	750	61	25	10	.968	1.670	1.770	2.279	2316	918	4300	4531
1000	61	33	10	1.117	1.815	1.920	2.424	3088	1212	5435	5671	



**HQ2000 .345" TRXLP 35 KV CONCENTRIC NEUTRAL
UNDERGROUND CABLE 100% INSULATION THICKNESS
COMPRESSED STRANDING AND SOLID CONDUCTORS**

ELECTRICAL DATA

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	1/0	SOLID	16	14	.206	.036	220	165	145
	1/0	19	16	14	.211	.034	220	165	145
	2/0	19	13	12	.167	.032	250	195	310
	3/0	19	16	12	.132	.030	285	220	193
	4/0	19	20	12	.105	.029	325	250	220
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	.206	.102	215	165	145
	1/0	19	6	14	.211	.099	215	165	145
	2/0	19	7	14	.167	.097	245	190	167
	3/0	19	9	14	.132	.094	275	215	189
	4/0	19	11	14	.105	.092	305	245	215
	250	37	13	14	.0890	.089	335	270	238
	350	37	11	12	.0635	.085	390	320	280
	500	37	16	12	.0445	.082	440	385	338
	750	61	15	10	.0296	.077	515	475	417
1000	61	20	10	.0222	.074	570	535	470	

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	1/0	19	16	12	.127	.034	280	215	189
	2/0	19	20	12	.102	.032	310	240	211
	3/0	19	25	12	.0802	.030	355	275	241
	4/0	19	32	12	.0635	.029	410	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	.127	.099	270	215	189
	2/0	19	11	14	.102	.097	305	240	211
	3/0	19	14	14	.0802	.094	340	280	246
	4/0	19	11	12	.0635	.092	380	315	276
	250	37	13	12	.0539	.089	405	340	298
	350	37	12	10	.0385	.085	460	400	350
	500	37	17	10	.0270	.082	520	470	412
	750	61	25	10	.0180	.077	567	550	483
1000	61	33	10	.0135	.074	625	615	540	



HENDRIX

Hendrix Wire and Cable Inc

HQ2000 POWER CABLE

SUBMARINE CABLE

Hendrix offers a pre-engineered design of light-weight, polyarmored Submarine Power Cable for underwater installations up to 5,000 feet through 35KV. The cable utilizes a high strength core conductor of aluminum alloy or hard drawn copper through 4/0 for high strength and low percent elongation. The cable is designed with a high specific gravity for good sinking properties and a heavy-duty high density jacket for impact and abrasion resistance.