

# Primary UD EPR / LLDPE, Concentric Neutral

5 kV – 46 kV

**CME**<sup>®</sup>  
wire and cable

A Viakable Company

## Features

Low tension stripping compounds.

True Triple extrusion system and closed handling raw materials system, to eliminate any contact with ambient, until extrusion of insulation and shields.

*On request, Sealed conductor with strand filled compound passes the production water penetration tests per ICEA-T-31-610 at 15 psi for 60 minutes.*

When requested, Strand Filled compound meets compatibility test requirements in accordance with ICEA-T-32-610.

*On request, Dual sealed cable (Strand Filled on conductor + WSP on Neutral wires) meets the water penetration requirements in accordance with ICEA-T-34-664.*

*On request, can be UL Listed as MV90 for use in accordance with Article 328 of the NEC.*

*On request, two abrasion resistant ripcords placed longitudinally 180° apart for easy jacket removal.*

## Application

Underground primary residential and commercial distribution circuits.

May be used in wet or dry locations, installed in underground ducts or direct burial.

## Standards

ICEA S-94-649: Standard for Concentric Neutral Rated Cables 5 – 46 kV.

AEIC CS8: Specifications for Extruded Dielectric, Shielded Power Cable, rated 5 – 46 kV.

## Specifications

Maximum operating voltage:

- 5 kV – 46 kV 100% and 133% IL

Maximum conductor operation temperatures:

Wet and dry locations

- Normal: 105 °C
- Emergency: 140 °C
- Short Circuit: 250 °C

## Engineering Information

**1. Conductor:** Soft annealed uncoated copper Class B compressed or unilay compressed per ASTM B8 or hard drawn aluminum Class B compressed or unilay compressed stranding per ASTM B231.

*On request: strand filled.*

**Sizes:** 8 AWG – 1000 kcmil.

*On request: larger sizes available.*

**2. Conductor Shield:** Semi conducting cross-linked polyethylene (XLPE).

**3. Insulation:** Thermoset ethylene propylene rubber (EPR).

*On request: amorphous EPR, containing 0% PE and less than 72% Ethylene.*

**4. Insulation Shield:** Semi conducting cross-linked polyethylene (XLPE).

**5. Concentric Neutral:** Soft annealed solid copper wires per ASTM B3, helically applied and uniformly spaced.

Full or 1/3 Neutral.

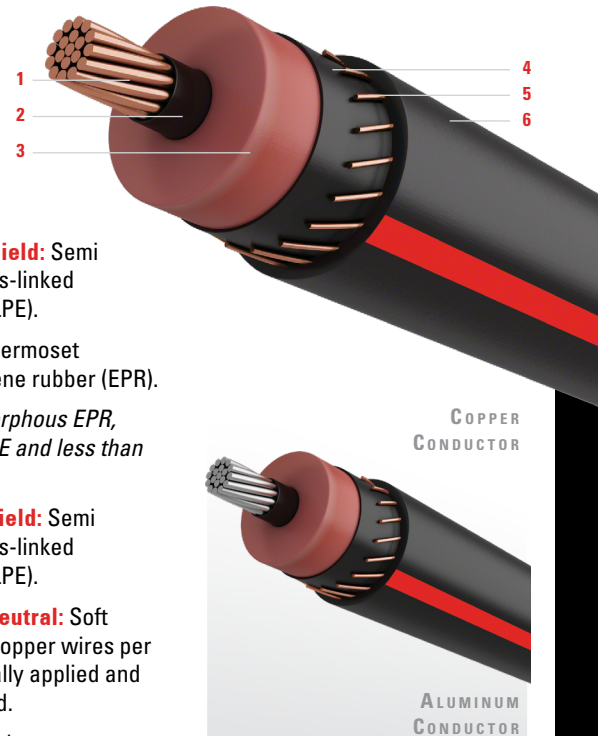
*On request options: alternate neutral constructions, Water Swellable Powder (WSP), and ripcords.*

**6. Jacket:** Extruded to fill (Encapsulated) Black sunlight resistant linear low density polyethylene (LLDPE), with three Red Stripes.

*On request: semiconducting PE or Black HDPE.*

**Configuration Options:**

*On request: Triplex or Paralleled configurations.*



Technical Data

### 5 kV EPR Insulated

1/3 Neutral								Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft	Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft
<b>Copper 100% Insulation Level (90 mil)</b>															
2	7	0.50	6	14	50	0.81	484	2	7	0.50	16	14	50	0.81	604
1	19	0.54	7	14	50	0.84	564	1	19	0.54	13	12	50	0.88	747
1/0	19	0.58	9	14	50	0.88	672	1/0	19	0.58	16	12	50	0.92	889
2/0	19	0.63	11	14	50	0.93	799	2/0	19	0.63	13	10	50	1.00	1109
3/0	19	0.68	14	14	50	0.98	963	3/0	19	0.68	16	10	50	1.05	1331
4/0	19	0.73	18	14	50	1.03	1170	4/0	19	0.73	16	9	50	1.14	1637
250	37	0.79	13	12	50	1.12	1366	250	37	0.79	25	10	50	1.17	1910
350	37	0.89	18	12	50	1.23	1815	350	37	0.89	22	8	50	1.32	2614
500	37	1.02	17	10	50	1.42	2569	500	37	1.02	31	8	50	1.47	3603
750	61	1.21	20	9	80	1.70	3773	—	—	—	—	—	—	—	—
1000	61	1.36	26	9	80	1.85	4854	—	—	—	—	—	—	—	—

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.

### 8 kV EPR Insulated

1/3 Neutral								Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft	Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft
<b>Copper 100% Insulation Level (115 mil)</b>															
2	7	0.55	6	14	50	0.86	517	2	7	0.55	16	14	50	0.86	637
1	19	0.59	7	14	50	0.90	598	1	19	0.59	13	12	50	0.93	782
1/0	19	0.63	9	14	50	0.94	708	1/0	19	0.63	16	12	50	0.97	926
2/0	19	0.68	11	14	50	0.98	837	2/0	19	0.68	13	10	50	1.06	1149
3/0	19	0.73	14	14	50	1.03	1003	3/0	19	0.73	16	10	50	1.11	1373
4/0	19	0.78	18	14	50	1.09	1212	4/0	19	0.78	16	9	50	1.19	1682
250	37	0.84	13	12	50	1.18	1412	250	37	0.84	25	10	50	1.22	1957
350	37	0.94	18	12	50	1.28	1865	350	37	0.94	22	8	50	1.37	2667
500	37	1.07	17	10	50	1.47	2627	500	37	1.07	31	8	50	1.53	3663
750	61	1.26	20	9	80	1.75	3841	—	—	—	—	—	—	—	—
1000	61	1.41	26	9	80	1.90	4929	—	—	—	—	—	—	—	—

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.

Technical Data *continued*

# 15 kV EPR Insulated

1/3 Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness	Approximate Outside Diameter	Approximate Net Weight
				AWG	mil	in	lb/kft
<b>Copper 100% Insulation Level (175 mil)</b>							
2	7	0.68	6	14	50	0.98	604
1	19	0.71	7	14	50	1.02	689
1/0	19	0.75	9	14	50	1.06	803
2/0	19	0.80	11	14	50	1.10	937
3/0	19	0.85	14	14	50	1.15	1108
4/0	19	0.90	18	14	50	1.21	1323
250	37	0.96	13	12	50	1.30	1531
350	37	1.06	18	12	50	1.42	2019
500	37	1.19	17	10	50	1.59	2775
750	61	1.38	20	9	80	1.87	4015
1000	61	1.53	26	9	80	2.05	5167
<b>Aluminum 100% Insulation Level (175 mil)</b>							
2	1	0.65	6	14	50	0.95	441
2	7	0.67	6	14	50	0.98	459
1	19	0.71	6	14	50	1.02	495
1/0	1	0.72	6	14	50	1.02	512
1/0	19	0.75	6	14	50	1.06	537
2/0	19	0.80	7	14	50	1.10	600
3/0	19	0.85	9	14	50	1.15	684
4/0	19	0.90	11	14	50	1.21	781
250	37	0.96	13	14	50	1.26	871
300	37	1.01	15	14	50	1.34	994
350	37	1.06	18	14	50	1.39	1106
500	37	1.19	25	14	50	1.52	1403
500	37	1.19	16	12	50	1.55	1441
750	61	1.40	24	12	80	1.82	2033
750	61	1.40	15	10	80	1.86	2079
1000	61	1.54	31	12	80	2.00	2544
1000	61	1.54	20	10	80	2.04	2614
1000	61	1.54	16	9	80	2.07	2651
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness	Approximate Outside Diameter	Approximate Net Weight
				AWG	mil	in	lb/kft
2	7	0.68	16	14	50	0.98	725
1	19	0.71	13	12	50	1.05	876
1/0	19	0.75	16	12	50	1.09	1024
2/0	19	0.80	13	10	50	1.18	1255
3/0	19	0.85	16	10	50	1.23	1484
4/0	19	0.90	16	9	50	1.31	1801
250	37	0.96	25	10	50	1.34	2079
350	37	1.06	22	8	50	1.52	2830
500	37	1.19	31	8	80	1.71	3881
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
2	1	0.65	10	14	50	0.95	489
2	7	0.67	10	14	50	0.98	507
1	19	0.71	13	14	50	1.02	580
1/0	1	0.72	16	14	50	1.02	632
1/0	19	0.75	16	14	50	1.06	658
2/0	19	0.80	20	14	50	1.10	757
2/0	19	0.80	13	12	50	1.13	788
3/0	19	0.85	25	14	50	1.15	877
3/0	19	0.85	16	12	50	1.18	907
4/0	19	0.90	32	14	50	1.21	1034
4/0	19	0.90	20	12	50	1.24	1058
4/0	19	0.90	13	10	50	1.28	1104
250	37	0.96	25	12	50	1.30	1220
250	37	0.96	16	10	50	1.34	1264
350	37	1.06	32	12	50	1.42	1532
350	37	1.06	20	10	50	1.46	1567
350	37	1.06	16	9	50	1.49	1595
500	37	1.19	29	10	50	1.59	2060
750	61	1.40	28	8	80	1.91	3043
1000	61	1.54	37	8	80	2.09	3868

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.

Technical Data *continued*

# 15 kV EPR Insulated

1/3 Neutral								Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft	Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft
<b>Copper 133% Insulation Level (220 mil)</b>															
2	7	0.77	6	14	50	1.07	678	2	7	0.77	16	14	50	1.07	798
1	19	0.81	7	14	50	1.11	766	1	19	0.81	13	12	50	1.14	955
1/0	19	0.85	9	14	50	1.15	883	1/0	19	0.85	16	12	50	1.18	1105
2/0	19	0.89	11	14	50	1.19	1020	2/0	19	0.89	13	10	50	1.27	1342
3/0	19	0.94	14	14	50	1.24	1195	3/0	19	0.94	16	10	50	1.32	1575
4/0	19	1.00	18	14	50	1.30	1414	4/0	19	1.00	16	9	50	1.40	1898
250	37	1.05	13	12	50	1.41	1653	250	37	1.05	25	10	50	1.46	2204
350	37	1.16	18	12	50	1.52	2126	350	37	1.16	22	8	50	1.61	2942
500	37	1.28	17	10	80	1.75	2962	500	37	1.28	31	8	80	1.80	4007
750	61	1.47	20	9	80	1.96	4154	—	—	—	—	—	—	—	—
1000	61	1.62	26	9	80	2.14	5320	—	—	—	—	—	—	—	—
<b>Aluminum 133% Insulation Level (220 mil)</b>															
2	1	0.74	6	14	50	1.04	511	2	1	0.74	10	14	50	1.04	560
2	7	0.76	6	14	50	1.07	532	2	7	0.76	10	14	50	1.07	580
1	19	0.80	6	14	50	1.11	571	1	19	0.80	13	14	50	1.11	655
1/0	1	0.81	6	14	50	1.11	588	1/0	1	0.81	16	14	50	1.11	708
1/0	19	0.84	6	14	50	1.16	629	1/0	19	0.84	16	14	50	1.15	737
2/0	19	0.89	7	14	50	1.19	682	2/0	19	0.89	20	14	50	1.19	839
3/0	19	0.94	9	14	50	1.24	770	2/0	19	0.89	13	12	50	1.22	872
4/0	19	0.99	11	14	50	1.30	871	3/0	19	0.94	25	14	50	1.24	963
250	37	1.05	13	14	50	1.38	989	3/0	19	0.94	16	12	50	1.27	994
350	37	1.15	18	14	50	1.48	1209	4/0	19	0.99	32	14	50	1.30	1124
500	37	1.28	25	14	50	1.61	1517	4/0	19	0.99	20	12	50	1.33	1149
500	37	1.28	16	12	80	1.70	1623	4/0	19	0.99	13	10	50	1.37	1199
750	61	1.49	24	12	80	1.91	2167	250	37	1.05	25	12	50	1.41	1341
750	61	1.49	15	10	80	1.95	2216	250	37	1.05	16	10	50	1.45	1388
1000	61	1.64	31	12	80	2.09	2692	350	37	1.15	32	12	50	1.51	1637
1000	61	1.64	20	10	80	2.13	2764	350	37	1.15	20	10	50	1.55	1674
1000	61	1.64	16	9	80	2.16	2803	350	37	1.15	16	9	50	1.58	1704
—	—	—	—	—	—	—	—	500	37	1.28	29	10	80	1.75	2247
—	—	—	—	—	—	—	—	750	61	1.49	28	8	80	2.01	3183
—	—	—	—	—	—	—	—	1000	61	1.64	37	8	80	2.18	4021

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.

Technical Data *continued*

## 25 kV EPR Insulated

1/3 Neutral								Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft	Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft
				AWG								AWG			
<b>Copper 100% Insulation Level (260 mil)</b>															
1	19	0.89	7	14	50	1.19	840	1	19	0.89	13	12	50	1.23	1030
1/0	19	0.93	9	14	50	1.23	959	1/0	19	0.93	16	12	50	1.27	1184
2/0	19	0.97	11	14	50	1.28	1099	2/0	19	0.97	13	10	50	1.35	1426
3/0	19	1.02	14	14	50	1.35	1301	3/0	19	1.02	16	10	50	1.42	1687
4/0	19	1.08	18	14	50	1.40	1525	4/0	19	1.08	16	9	50	1.51	2016
250	37	1.13	13	12	50	1.49	1747	250	37	1.13	25	10	50	1.54	2300
350	37	1.24	18	12	50	1.60	2227	350	37	1.24	22	8	80	1.75	3116
500	37	1.37	17	10	80	1.83	3077	500	37	1.37	31	8	80	1.88	4124
750	61	1.56	20	9	80	2.08	4333	—	—	—	—	—	—	—	—
1000	61	1.70	26	9	80	2.23	5461	—	—	—	—	—	—	—	—
<b>Aluminum 100% Insulation Level (260 mil)</b>															
1	19	0.88	6	14	50	1.19	644	1	19	0.88	13	14	50	1.19	728
1/0	1	0.89	6	14	50	1.19	661	1/0	1	0.89	16	14	50	1.19	781
1/0	19	0.92	6	14	50	1.23	692	1/0	19	0.92	16	14	50	1.23	812
2/0	19	0.97	7	14	50	1.27	760	2/0	19	0.97	20	14	50	1.27	917
3/0	19	1.02	9	14	50	1.34	875	2/0	19	0.97	13	12	50	1.30	952
4/0	19	1.07	11	14	50	1.40	981	3/0	19	1.02	25	14	50	1.34	1068
250	37	1.13	13	14	50	1.46	1080	3/0	19	1.02	16	12	50	1.38	1102
350	37	1.23	18	14	50	1.56	1307	4/0	19	1.07	32	14	50	1.40	1234
500	37	1.36	25	14	80	1.75	1692	4/0	19	1.07	20	12	50	1.43	1261
500	37	1.36	16	12	80	1.78	1735	4/0	19	1.07	13	10	50	1.48	1313
750	61	1.57	24	12	80	2.02	2340	250	37	1.13	25	12	50	1.49	1433
750	61	1.57	15	10	80	2.06	2392	250	37	1.13	16	10	50	1.53	1482
1000	61	1.72	31	12	80	2.17	2829	350	37	1.23	32	12	50	1.59	1736
1000	61	1.72	20	10	80	2.21	2903	350	37	1.23	20	10	80	1.70	1843
1000	61	1.72	16	9	80	2.24	2944	350	37	1.23	16	9	80	1.72	1875
—	—	—	—	—	—	—	—	500	37	1.36	29	10	80	1.83	2361
—	—	—	—	—	—	—	—	750	61	1.57	28	8	80	2.12	3362
—	—	—	—	—	—	—	—	1000	61	1.72	37	8	80	2.27	4163

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.

Technical Data *continued*

## 25 kV EPR Insulated

1/3 Neutral								Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft	Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size AWG	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft
1	19	1.01	7	14	50	1.31	961	1	19	1.01	13	12	50	1.35	1154
1/0	19	1.05	9	14	50	1.38	1109	1/0	19	1.05	16	12	50	1.41	1337
2/0	19	1.09	11	14	50	1.42	1254	2/0	19	1.09	13	10	50	1.50	1588
3/0	19	1.14	14	14	50	1.47	1439	3/0	19	1.14	16	10	50	1.55	1830
4/0	19	1.20	18	14	50	1.53	1668	4/0	19	1.20	16	9	80	1.69	2232
250	37	1.26	13	12	50	1.62	1898	250	37	1.26	25	10	80	1.72	2522
350	37	1.36	18	12	80	1.78	2458	350	37	1.36	22	8	80	1.88	3290
500	37	1.49	17	10	80	1.95	3260	500	37	1.49	31	8	80	2.01	4311
750	61	1.68	20	9	80	2.20	4540	—	—	—	—	—	—	—	—
1000	61	1.83	26	9	80	2.35	5683	—	—	—	—	—	—	—	—
<b>Aluminum 133% Insulation Level (320 mil)</b>															
1/0	19	1.05	6	14	50	1.37	839	1/0	19	1.05	16	14	50	1.37	959
2/0	19	1.09	7	14	50	1.42	913	2/0	19	1.09	20	14	50	1.42	1070
3/0	19	1.14	9	14	50	1.47	1010	2/0	19	1.09	13	12	50	1.45	1108
4/0	19	1.20	11	14	50	1.52	1122	3/0	19	1.14	25	14	50	1.47	1203
250	37	1.25	13	14	50	1.58	1226	3/0	19	1.14	16	12	50	1.50	1239
350	37	1.35	18	14	80	1.74	1533	4/0	19	1.20	32	14	50	1.52	1375
500	37	1.48	25	14	80	1.87	1867	4/0	19	1.20	20	12	50	1.55	1405
500	37	1.48	16	12	80	1.91	1912	4/0	19	1.20	13	10	50	1.60	1460
750	61	1.69	24	12	80	2.14	2540	250	37	1.25	25	12	50	1.61	1583
750	61	1.69	15	10	80	2.18	2596	250	37	1.25	16	10	80	1.72	1703
1000	61	1.84	31	12	80	2.29	3045	350	37	1.35	32	12	80	1.78	1966
1000	61	1.84	20	10	80	2.33	3123	350	37	1.35	20	10	80	1.82	2011
1000	61	1.84	16	9	80	2.36	3165	350	37	1.35	16	9	80	1.84	2045
—	—	—	—	—	—	—	—	500	37	1.48	29	10	80	1.95	2541

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.

Technical Data *continued*

### 35 kV EPR Insulated

1/3 Neutral								Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft	Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness mil	Approximate Outside Diameter in	Approximate Net Weight lb/kft
				AWG								AWG			
<b>Copper 100% Insulation Level (345 mil)</b>															
1/0	19	1.10	9	14	50	1.43	1166	1/0	19	1.10	16	12	50	1.46	1395
2/0	19	1.15	11	14	50	1.47	1313	2/0	19	1.15	13	10	50	1.55	1649
3/0	19	1.20	14	14	50	1.52	1499	3/0	19	1.20	16	10	50	1.60	1893
4/0	19	1.25	18	14	50	1.58	1731	4/0	19	1.25	16	9	80	1.74	2301
250	37	1.31	13	12	80	1.73	2032	250	37	1.31	25	10	80	1.77	2592
350	37	1.41	18	12	80	1.83	2531	350	37	1.41	22	8	80	1.93	3366
500	37	1.54	17	10	80	2.04	3388	500	37	1.54	31	8	80	2.09	4443
750	61	1.73	20	9	80	2.25	4630	—	—	—	—	—	—	—	—
1000	61	1.88	26	9	80	2.40	5779	—	—	—	—	—	—	—	—
<b>Aluminum 100% Insulation Level (345 mil)</b>															
1/0	1	1.06	6	14	50	1.38	858	1/0	1	1.06	16	14	50	1.38	979
1/0	19	1.10	6	14	50	1.42	895	1/0	19	1.10	16	14	50	1.42	1015
2/0	19	1.14	7	14	50	1.47	971	2/0	19	1.14	20	14	50	1.47	1127
3/0	19	1.19	9	14	50	1.52	1070	2/0	19	1.14	13	12	50	1.50	1167
4/0	19	1.25	11	14	50	1.57	1184	3/0	19	1.19	25	14	50	1.52	1263
250	37	1.30	13	14	80	1.69	1358	3/0	19	1.19	16	12	50	1.55	1300
350	37	1.40	18	14	80	1.79	1604	4/0	19	1.25	32	14	50	1.57	1437
500	37	1.53	25	14	80	1.95	1989	4/0	19	1.25	20	12	50	1.61	1468
500	37	1.53	16	12	80	1.99	2036	4/0	19	1.25	13	10	80	1.71	1592
750	61	1.74	24	12	80	2.19	2628	250	37	1.30	25	12	80	1.73	1716
750	61	1.74	15	10	80	2.24	2684	250	37	1.30	16	10	80	1.77	1772
1000	61	1.89	31	12	80	2.34	3139	350	37	1.40	32	12	80	1.83	2038
1000	61	1.89	20	10	80	2.38	3217	350	37	1.40	20	10	80	1.87	2084
1000	61	1.89	16	9	80	2.41	3260	350	37	1.40	16	9	80	1.89	2119
—	—	—	—	—	—	—	—	500	37	1.53	29	10	80	2.03	2667
—	—	—	—	—	—	—	—	750	61	1.74	28	8	80	2.29	3661
—	—	—	—	—	—	—	—	1000	61	1.89	37	8	80	2.44	4483

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.

**Ampacities:** Refer to beginning of section.

Technical Data *continued*

### 35 kV EPR Insulated

1/3 Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness	Approximate Outside Diameter	Approximate Net Weight
				AWG	mil	in	lb/kft
<b>Copper 133% Insulation Level (420 mil)</b>							
1/0	19	1.25	9	14	50	1.58	1349
2/0	19	1.30	11	14	50	1.63	1502
3/0	19	1.35	14	14	80	1.74	1762
4/0	19	1.40	18	14	80	1.79	2004
250	37	1.46	13	12	80	1.88	2251
350	37	1.56	18	12	80	2.02	2811
500	37	1.69	17	10	80	2.19	3645
750	61	1.88	20	9	80	2.40	4912
1000	61	2.03	26	9	80	2.55	6081
<b>Aluminum 133% Insulation Level (420 mil)</b>							
1/0	19	1.25	6	14	50	1.57	1076
2/0	19	1.29	7	14	50	1.62	1157
3/0	19	1.34	9	14	80	1.73	1331
4/0	19	1.40	11	14	80	1.79	1454
250	37	1.45	13	14	80	1.84	1571
350	37	1.56	18	14	80	1.98	1876
500	37	1.68	25	14	80	2.11	2235
500	37	1.68	16	12	80	2.14	2285
750	61	1.89	24	12	80	2.34	2902
750	61	1.89	15	10	80	2.39	2963
1000	61	2.04	16	9	80	2.56	3560
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

Full Neutral							
Size AWG or kcmil	Number of Strands	Nominal OD Over Insulation in	Number of Wires	Size	Jacket Thickness	Approximate Outside Diameter	Approximate Net Weight
				AWG	mil	in	lb/kft
1/0	19	1.25	16	12	50	1.61	1581
2/0	19	1.30	13	10	80	1.76	1914
3/0	19	1.35	16	10	80	1.81	2166
4/0	19	1.40	16	9	80	1.89	2519
250	37	1.46	25	10	80	1.93	2815
350	37	1.56	22	8	80	2.11	3658
500	37	1.69	31	8	80	2.24	4704
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
1/0	19	1.25	16	14	50	1.57	1196
2/0	19	1.29	20	14	80	1.68	1380
2/0	19	1.29	13	12	80	1.71	1424
3/0	19	1.34	25	14	80	1.73	1524
3/0	19	1.34	16	12	80	1.76	1566
4/0	19	1.40	32	14	80	1.79	1707
4/0	19	1.40	20	12	80	1.82	1743
4/0	19	1.40	13	10	80	1.86	1805
250	37	1.45	25	12	80	1.88	1933
250	37	1.45	16	10	80	1.92	1992
350	37	1.56	32	12	80	2.01	2314
350	37	1.56	20	10	80	2.05	2365
350	37	1.56	16	9	80	2.08	2403
500	37	1.68	29	10	80	2.18	2920

The above data are approximate and subject to normal manufacturing tolerances. Other sizes available upon request.  
**Ampacities:** Refer to beginning of section.