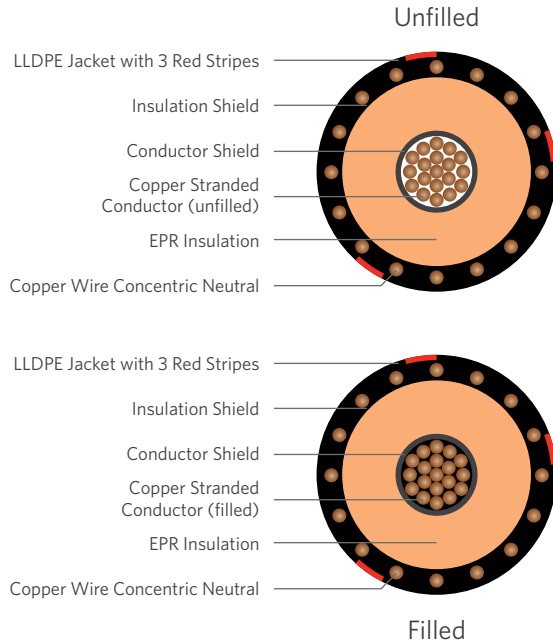


EPR/CN/LLDPE Power, Type Primary UD, 15kV-35kV

Series E9 (Copper Conductors)



PRODUCT DESCRIPTION

The Superior Essex Medium Voltage Primary Underground Distribution (UD) cables consist of a Copper (filled or unfilled) conductor, covered with ethylene propylene rubber (EPR), a concentric neutral of helically applied copper wires, and a linear low-density polyethylene (LLDPE) jacket with 3 extruded red stripes.

APPLICATIONS

- Suitable for underground primary power applications
- For wet or dry locations
- For direct burial or in duct

FEATURES

- High dielectric strength
- Low moisture absorption
- Low dielectric loss
- Excellent resistance to treeing
- Designed to operate continuously at a conductor temperature not exceeding
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit

MARKETS



SPECIFICATIONS

Conductor Count	1 conductor
Conductor	Fully annealed bare copper Class B compressed strand (filled or unfilled)
Gauge Sizes	Filled: Available in 2 AWG through 1000 kcmil Unfilled: Available in 2 AWG through 1000 kcmil
Conductor Strand Shield	Extruded thermoset semi-conducting polymer over the conductor
Insulation	Ethylene Propylene Rubber (EPR)
Insulation Shield	Extruded thermoset semi-conducting polymer over the insulation
Neutral	Helically applied, annealed, solid bare copper wires
Jacket	Linear Low-Density Polyethylene (LLDPE)
Jacket Marking	00000 FT SUPERIOR ESSEX XXAWG (KCMIL) AL or CU 1/C XXXKV XXX% INSUL LEVEL XXXMILS EPR AA X #BB LLDPE JKT MADE IN USA MMDDYYYY
Packaging	Non-returnable wood reels in a variety of lengths and dimensions
Performance Compliances	ASTM B-3 ICEA S-94-649 AEIC CS8

PRODUCT KEY

Conductor	Stranding	Voltage	Insulation	Neutral Options	Jacket
Cu	Filled B or B	MV	EPR	RCN or FCN	LLDPE

Copper Unfilled, 15kV 100% I.L., 175-mils Series E9HP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
½ Reduced Neutral									
E9HPT-021B01CA00	2	0.280 (7.1)	0.68 (17.3)	6 x 14	0.055 (1.40)	0.98 (24.9)	600 (894)	177	241
E9HPT-011B01CA00	1	0.319 (8.1)	0.72 (18.3)	7 x 14	0.055 (1.40)	1.03 (26.2)	684 (1,019)	201	272
E9HPT-1A1B01CA00	1/0	0.358 (9.1)	0.76 (19.3)	9 x 14	0.055 (1.40)	1.06 (26.9)	796 (1,186)	229	306
E9HPT-2A1B01CA00	2/0	0.401 (10.2)	0.80 (20.4)	11 x 14	0.055 (1.40)	1.11 (28.2)	928 (1,383)	260	343
E9HPT-3A1B01CA00	3/0	0.451 (11.5)	0.85 (21.7)	14 x 14	0.055 (1.40)	1.16 (29.5)	1,096 (1,633)	295	380
E9HPT-4A1B01CA00	4/0	0.507 (12.9)	0.91 (23.1)	18 x 14	0.055 (1.40)	1.21 (30.7)	1,308 (1,949)	334	418
E9HPT-A11B01CA00	250	0.552 (14.0)	0.97 (24.5)	21 x 14	0.055 (1.40)	1.29 (32.8)	1,498 (2,232)	366	445
E9HPT-A31B01CA00	350	0.654 (16.6)	1.07 (27.1)	29 x 14	0.055 (1.40)	1.39 (35.4)	2,004 (2,986)	437	498
E9HPT-A61B01CA00	500	0.781 (19.8)	1.20 (30.4)	26 x 12	0.055 (1.40)	1.57 (39.9)	2,753 (4,102)	516	547
E9HPT-B21B01CA00	750	0.958 (24.3)	1.39 (35.2)	25 x 10	0.055 (1.40)	1.79 (45.5)	3,993 (5,950)	603	610
Full Neutral									
E9HPM-021B01CA00	2	0.280 (7.1)	0.68 (17.3)	16 x 14	0.055 (1.40)	0.98 (24.9)	717 (1,068)	173	234
E9HPM-011B01CA00	1	0.319 (8.1)	0.72 (18.3)	20 x 14	0.055 (1.40)	1.03 (26.2)	867 (1,292)	199	266
E9HPM-1A1B01CA00	1/0	0.358 (9.1)	0.76 (19.3)	25 x 14	0.055 (1.40)	1.06 (26.9)	1,012 (1,508)	226	302
E9HPM-2A1B01CA00	2/0	0.401 (10.2)	0.80 (20.4)	32 x 14	0.055 (1.40)	1.11 (28.2)	1,238 (1,845)	259	342
E9HPM-3A1B01CA00	3/0	0.451 (11.5)	0.85 (21.7)	25 x 14	0.055 (1.40)	1.16 (29.5)	1,462 (2,178)	294	388
E9HPM-4A1B01CA00	4/0	0.507 (12.9)	0.91 (23.1)	32 x 12	0.055 (1.40)	1.21 (30.7)	1,774 (2,643)	335	439

Copper Unfilled, 15kV 133% I.L., 220-mils Series E9JP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
½ Reduced Neutral									
E9JPT-021B01CA00	2	0.280 (7.1)	0.77 (19.6)	6 x 14	0.055 (1.40)	1.08 (27.4)	670 (998)	177	241
E9JPT-011B01CA00	1	0.319 (8.1)	0.81 (20.6)	7 x 14	0.055 (1.40)	1.12 (28.4)	757 (1,128)	201	272
E9JPT-1A1B01CA00	1/0	0.358 (9.1)	0.85 (21.6)	9 x 14	0.055 (1.40)	1.15 (29.2)	872 (1,299)	229	306
E9JPT-2A1B01CA00	2/0	0.401 (10.2)	0.89 (22.7)	11 x 14	0.055 (1.40)	1.20 (30.5)	1,007 (1,500)	260	343
E9JPT-3A1B01CA00	3/0	0.451 (11.5)	0.94 (23.9)	14 x 14	0.055 (1.40)	1.25 (31.8)	1,178 (1,755)	295	380
E9JPT-4A1B01CA00	4/0	0.507 (12.9)	1.00 (25.4)	18 x 14	0.055 (1.40)	1.30 (33.0)	1,394 (2,077)	334	418
E9JPT-A11B01CA00	250	0.552 (14.0)	1.06 (26.8)	21 x 14	0.055 (1.40)	1.38 (35.1)	1,609 (2,397)	366	445
E9JPT-A31B01CA00	350	0.654 (16.6)	1.16 (29.4)	29 x 14	0.055 (1.40)	1.48 (37.7)	2,105 (3,136)	437	498
E9JPT-A61B01CA00	500	0.781 (19.8)	1.29 (32.6)	26 x 12	0.055 (1.40)	1.66 (42.2)	2,931 (4,367)	516	547
E9JPT-B21B01CA00	750	0.958 (24.3)	1.48 (37.5)	25 x 10	0.080 (2.04)	1.90 (48.3)	4,123 (6,143)	603	610
Full Neutral									
E9JPM-021B01CA00	2	0.280 (7.1)	0.77 (19.6)	16 x 14	0.055 (1.40)	1.07 (27.2)	787 (1,173)	173	234
E9JPM-011B01CA00	1	0.319 (8.1)	0.81 (20.6)	20 x 14	0.055 (1.40)	1.12 (28.4)	941 (1,402)	199	266
E9JPM-1A1B01CA00	1/0	0.358 (9.1)	0.85 (21.6)	25 x 14	0.055 (1.40)	1.15 (29.2)	1,090 (1,624)	226	302
E9JPM-2A1B01CA00	2/0	0.401 (10.2)	0.89 (22.7)	32 x 14	0.055 (1.40)	1.19 (30.3)	1,321 (1,968)	259	342
E9JPM-3A1B01CA00	3/0	0.451 (11.5)	0.94 (23.9)	25 x 14	0.055 (1.40)	1.26 (32.0)	1,549 (2,308)	294	388
E9JPM-4A1B01CA00	4/0	0.507 (12.9)	1.00 (25.4)	32 x 12	0.055 (1.40)	1.30 (33.0)	1,866 (2,780)	335	439

¹The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.²Ampacities: ½ Reduced Neutral, triplexed - based on ICEA Standards. Full Neutral, single phase - based on 90°C conductor, 20°C ambient, 100% load factor, 36" burial depth, and earth RHO 90.

Copper Unfilled, 25kV 100% I.L., 260-mils Series E9KP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
1/3 Reduced Neutral									
E9KPT-011B01CA00	1	0.319 (8.1)	0.89 (22.6)	7 x 14	0.055 (1.40)	1.20 (30.5)	827 (1,232)	204	269
E9KPT-1A1B01CA00	1/0	0.358 (9.1)	0.93 (23.6)	9 x 14	0.055 (1.40)	1.23 (31.2)	945 (1,408)	232	303
E9KPT-2A1B01CA00	2/0	0.401 (10.2)	0.97 (24.6)	11 x 14	0.055 (1.40)	1.28 (32.5)	1,082 (1,612)	264	340
E9KPT-3A1B01CA00	3/0	0.451 (11.5)	1.02 (25.9)	14 x 14	0.055 (1.40)	1.35 (34.3)	1,278 (1,904)	300	378
E9KPT-4A1B01CA00	4/0	0.507 (12.9)	1.08 (27.4)	18 x 14	0.055 (1.40)	1.41 (35.8)	1,498 (2,232)	339	416
E9KPT-A11B01CA00	250	0.552 (14.0)	1.14 (29.0)	21 x 14	0.055 (1.40)	1.46 (37.1)	1,696 (2,527)	371	445
E9KPT-A31B01CA00	350	0.654 (16.6)	1.24 (31.5)	29 x 14	0.055 (1.40)	1.56 (39.5)	2,200 (3,278)	442	501
E9KPT-A61B01CA00	500	0.781 (19.8)	1.37 (34.8)	26 x 12	0.080 (2.03)	1.79 (45.5)	3,040 (4,530)	520	550
E9KPT-B21B01CA00	750	0.958 (24.3)	1.56 (39.6)	25 x 10	0.080 (2.03)	2.01 (51.1)	4,293 (6,397)	611	618
Full Neutral									
E9KPM-011B01CA00	1	0.319 (8.1)	0.89 (22.6)	20 x 14	0.055 (1.40)	1.19 (30.3)	1,013 (1,509)	204	265
E9KPM-1A1B01CA00	1/0	0.358 (9.1)	0.93 (23.6)	25 x 14	0.055 (1.40)	1.23 (31.2)	1,164 (1,734)	231	301
E9KPM-2A1B01CA00	2/0	0.401 (10.2)	0.97 (24.6)	32 x 14	0.055 (1.40)	1.27 (32.3)	1,401 (2,087)	265	342
E9KPM-3A1B01CA00	3/0	0.451 (11.5)	1.02 (25.9)	25 x 14	0.055 (1.40)	1.35 (34.2)	1,653 (2,463)	301	387
E9KPM-4A1B01CA00	4/0	0.507 (12.9)	1.08 (27.4)	32 x 12	0.055 (1.40)	1.41 (35.8)	1,977 (2,946)	342	438

Copper Unfilled, 35kV 100% I.L., 345-mils Series E9MP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
1/3 Reduced Neutral									
E9MPT-1A1B01CA00	1/0	0.358 (9.1)	1.10 (27.9)	9 x 14	0.055 (1.40)	1.40 (35.6)	1,142 (1,702)	235	300
E9MPT-2A1B01CA00	2/0	0.401 (10.2)	1.15 (29.2)	11 x 14	0.055 (1.40)	1.47 (37.3)	1,286 (1,916)	267	337
E9MPT-3A1B01CA00	3/0	0.451 (11.5)	1.20 (30.5)	14 x 14	0.055 (1.40)	1.52 (38.6)	1,469 (2,189)	302	376
E9MPT-4A1B01CA00	4/0	0.507 (12.9)	1.26 (32.0)	18 x 14	0.055 (1.40)	1.58 (40.1)	1,697 (2,529)	342	415
E9MPT-A11B01CA00	250	0.552 (14.0)	1.31 (33.3)	21 x 14	0.055 (1.40)	1.70 (43.2)	1,965 (2,918)	375	443
E9MPT-A31B01CA00	350	0.654 (16.6)	1.41 (35.8)	29 x 14	0.080 (2.03)	1.78 (45.1)	2,493 (3,715)	445	601
E9MPT-A61B01CA00	500	0.781 (19.8)	1.54 (39.1)	26 x 12	0.080 (2.03)	1.94 (49.2)	3,340 (4,977)	525	557
E9MPT-B21B01CA00	750	0.958 (24.3)	1.73 (43.9)	25 x 10	0.080 (2.03)	2.18 (55.4)	4,578 (6,821)	616	624
Full Neutral									
E9MPM-1A1B01CA00	1/0	0.358 (9.1)	1.10 (27.9)	25 x 14	0.055 (1.40)	1.40 (35.6)	1,366 (2,035)	236	300
E9MPM-2A1B01CA00	2/0	0.401 (10.2)	1.15 (29.2)	32 x 14	0.055 (1.40)	1.48 (37.7)	1,614 (2,405)	270	341
E9MPM-3A1B01CA00	3/0	0.451 (11.5)	1.20 (30.5)	25 x 14	0.055 (1.40)	1.53 (38.9)	1,853 (2,761)	306	386
E9MPM-4A1B01CA00	4/0	0.507 (12.9)	1.26 (32.0)	32 x 12	0.055 (1.40)	1.66 (42.1)	2,252 (3,355)	348	434

¹The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.

²Ampacities: 1/3 Reduced Neutral, triplexed - based on ICEA Standards. Full Neutral, single phase - based on 90°C conductor, 20°C ambient, 100% load factor, 36" burial depth, and earth RHO 90.

Copper Filled, 15kV 100% I.L., 175-mils Series E9HP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
½ Reduced Neutral									
E9HPT-025B01CA00	2	0.280 (7.1)	0.68 (17.3)	6 x 14	0.055 (1.40)	0.98 (24.9)	601 (896)	177	241
E9HPT-015B01CA00	1	0.319 (8.1)	0.72 (18.3)	7 x 14	0.055 (1.40)	1.03 (26.2)	685 (1,021)	201	272
E9HPT-1A5B01CA00	1/0	0.358 (9.1)	0.76 (19.3)	9 x 14	0.055 (1.40)	1.06 (26.9)	798 (1,189)	229	306
E9HPT-2A5B01CA00	2/0	0.401 (10.2)	0.80 (20.4)	11 x 14	0.055 (1.40)	1.11 (28.2)	930 (1,386)	260	343
E9HPT-3A5B01CA00	3/0	0.451 (11.5)	0.85 (21.7)	14 x 14	0.055 (1.40)	1.16 (29.5)	1,098 (1,636)	295	380
E9HPT-4A5B01CA00	4/0	0.507 (12.9)	0.91 (23.1)	18 x 14	0.055 (1.40)	1.21 (30.7)	1,311 (1,953)	334	418
E9HPT-A15B01CA00	250	0.552 (14.0)	0.97 (24.5)	21 x 14	0.055 (1.40)	1.29 (32.8)	1,501 (2,237)	366	445
E9HPT-A35B01CA00	350	0.654 (16.6)	1.07 (27.1)	29 x 14	0.055 (1.40)	1.39 (35.4)	2,008 (2,992)	437	498
E9HPT-A65B01CA00	500	0.781 (19.8)	1.20 (30.4)	26 x 12	0.055 (1.40)	1.57 (39.9)	2,759 (4,111)	516	547
E9HPT-B25B01CA00	750	0.958 (24.3)	1.39 (35.2)	25 x 10	0.055 (1.40)	1.79 (45.5)	4,001 (5,962)	603	610
Full Neutral									
E9HPM-025B01CA00	2	0.280 (7.1)	0.68 (17.3)	16 x 14	0.055 (1.40)	0.98 (24.9)	719 (1,071)	173	234
E9HPM-015B01CA00	1	0.319 (8.1)	0.72 (18.3)	20 x 14	0.055 (1.40)	1.03 (26.2)	869 (1,295)	199	266
E9HPM-1A5B01CA00	1/0	0.358 (9.1)	0.76 (19.3)	25 x 14	0.055 (1.40)	1.06 (26.9)	1,014 (1,511)	226	302
E9HPM-2A5B01CA00	2/0	0.401 (10.2)	0.80 (20.4)	32 x 14	0.055 (1.40)	1.11 (28.2)	1,241 (1,848)	259	342
E9HPM-3A5B01CA00	3/0	0.451 (11.5)	0.85 (21.7)	25 x 14	0.055 (1.40)	1.16 (29.5)	1,465 (2,183)	294	388
E9HPM-4A5B01CA00	4/0	0.507 (12.9)	0.91 (23.1)	32 x 12	0.055 (1.40)	1.21 (30.7)	1,778 (2,649)	335	439

Copper Filled, 15kV 133% I.L., 220-mils Series E9JP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
½ Reduced Neutral									
E9JPT-025B01CA00	2	0.280 (7.1)	0.77 (19.6)	6 x 14	0.055 (1.40)	1.08 (27.4)	671 (1,000)	177	241
E9JPT-015B01CA00	1	0.319 (8.1)	0.81 (20.6)	7 x 14	0.055 (1.40)	1.12 (28.4)	759 (1,130)	201	272
E9JPT-1A5B01CA00	1/0	0.358 (9.1)	0.85 (21.6)	9 x 14	0.055 (1.40)	1.15 (29.2)	874 (1,302)	229	306
E9JPT-2A5B01CA00	2/0	0.401 (10.2)	0.89 (22.7)	11 x 14	0.055 (1.40)	1.20 (30.5)	1,009 (1,504)	260	343
E9JPT-3A5B01CA00	3/0	0.451 (11.5)	0.94 (23.9)	14 x 14	0.055 (1.40)	1.25 (31.8)	1,180 (1,759)	295	380
E9JPT-4A5B01CA00	4/0	0.507 (12.9)	1.00 (25.4)	18 x 14	0.055 (1.40)	1.30 (33.0)	1,397 (2,081)	334	418
E9JPT-A15B01CA00	250	0.552 (14.0)	1.06 (26.8)	21 x 14	0.055 (1.40)	1.38 (35.1)	1,612 (2,402)	366	445
E9JPT-A35B01CA00	350	0.654 (16.6)	1.16 (29.4)	29 x 14	0.055 (1.40)	1.48 (37.7)	2,109 (3,143)	437	498
E9JPT-A65B01CA00	500	0.781 (19.8)	1.29 (32.6)	26 x 12	0.055 (1.40)	1.66 (42.2)	2,937 (4,376)	516	547
E9JPT-B25B01CA00	750	0.958 (24.3)	1.48 (37.5)	25 x 10	0.080 (2.04)	1.90 (48.3)	4,132 (6,156)	603	610
Full Neutral									
E9JPM-025B01CA00	2	0.280 (7.1)	0.77 (19.6)	16 x 14	0.055 (1.40)	1.07 (27.2)	789 (1,175)	173	234
E9JPM-015B01CA00	1	0.319 (8.1)	0.81 (20.6)	20 x 14	0.055 (1.40)	1.12 (28.4)	943 (1,405)	199	266
E9JPM-1A5B01CA00	1/0	0.358 (9.1)	0.85 (21.6)	25 x 14	0.055 (1.40)	1.15 (29.2)	1,092 (1,628)	226	302
E9JPM-2A5B01CA00	2/0	0.401 (10.2)	0.89 (22.7)	32 x 14	0.055 (1.40)	1.19 (30.3)	1,324 (1,972)	259	342
E9JPM-3A5B01CA00	3/0	0.451 (11.5)	0.94 (23.9)	25 x 14	0.055 (1.40)	1.26 (32.0)	1,552 (2,313)	294	388
E9JPM-4A5B01CA00	4/0	0.507 (12.9)	1.00 (25.4)	32 x 12	0.055 (1.40)	1.30 (33.0)	1,870 (2,786)	335	439

¹The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.²Ampacities: ½ Reduced Neutral, triplexed - based on ICEA Standards. Full Neutral, single phase - based on 90°C conductor, 20°C ambient, 100% load factor, 36" burial depth, and earth RHO 90.

Copper Filled, 25kV 100% I.L., 260-mils Series E9KP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
½ Reduced Neutral									
E9KPT-015B01CA00	1	0.319 (8.1)	0.89 (22.6)	7 x 14	0.055 (1.40)	1.20 (30.5)	829 (1,235)	204	269
E9KPT-1A5B01CA00	1/0	0.358 (9.1)	0.93 (23.6)	9 x 14	0.055 (1.40)	1.23 (31.2)	947 (1,411)	232	303
E9KPT-2A5B01CA00	2/0	0.401 (10.2)	0.97 (24.6)	11 x 14	0.055 (1.40)	1.28 (32.5)	1,084 (1,616)	264	340
E9KPT-3A5B01CA00	3/0	0.451 (11.5)	1.02 (25.9)	14 x 14	0.055 (1.40)	1.35 (34.3)	1,281 (1,908)	300	378
E9KPT-4A5B01CA00	4/0	0.507 (12.9)	1.08 (27.4)	18 x 14	0.055 (1.40)	1.41 (35.8)	1,501 (2,237)	339	416
E9KPT-A15B01CA00	250	0.552 (14.0)	1.14 (29.0)	21 x 14	0.055 (1.40)	1.46 (37.1)	1,700 (2,532)	371	445
E9KPT-A35B01CA00	350	0.654 (16.6)	1.24 (31.5)	29 x 14	0.055 (1.40)	1.56 (39.5)	2,205 (3,285)	442	501
E9KPT-A65B01CA00	500	0.781 (19.8)	1.37 (34.8)	26 x 12	0.080 (2.03)	1.79 (45.5)	3,046 (4,539)	520	550
E9KPT-B25B01CA00	750	0.958 (24.3)	1.56 (39.6)	25 x 10	0.080 (2.03)	2.01 (51.1)	4,302 (6,410)	611	618
Full Neutral									
E9KPM-015B01CA00	1	0.319 (8.1)	0.89 (22.6)	20 x 14	0.055 (1.40)	1.19 (30.3)	1,015 (1,513)	204	265
E9KPM-1A5B01CA00	1/0	0.358 (9.1)	0.93 (23.6)	25 x 14	0.055 (1.40)	1.23 (31.2)	1,166 (1,738)	231	301
E9KPM-2A5B01CA00	2/0	0.401 (10.2)	0.97 (24.6)	32 x 14	0.055 (1.40)	1.27 (32.3)	1,404 (2,092)	265	342
E9KPM-3A5B01CA00	3/0	0.451 (11.5)	1.02 (25.9)	25 x 14	0.055 (1.40)	1.35 (34.2)	1,656 (2,468)	301	387
E9KPM-4A5B01CA00	4/0	0.507 (12.9)	1.08 (27.4)	32 x 12	0.055 (1.40)	1.41 (35.8)	1,981 (2,952)	342	438

Copper Filled, 35kV 100% I.L., 345-mils Series E9MP

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size AWG/kcmil	Nominal Conductor Diameter ¹ in (mm)	Nominal Insulation Diameter ¹ in (mm)	Concentric Neutral No. x AWG	Nominal Jacket Thickness ¹ in (mm)	Nominal Overall Diameter ¹ in (mm)	Nominal Net Weight ¹ lbs/kft (kg/km)	Ampacity	
								Underground Duct ²	Direct Buried ²
½ Reduced Neutral									
E9MPT-1A5B01CA00	1/0	0.358 (9.1)	1.10 (27.9)	9 x 14	0.055 (1.40)	1.40 (35.6)	1,144 (1,705)	235	300
E9MPT-2A5B01CA00	2/0	0.401 (10.2)	1.15 (29.2)	11 x 14	0.055 (1.40)	1.47 (37.3)	1,289 (1,920)	267	337
E9MPT-3A5B01CA00	3/0	0.451 (11.5)	1.20 (30.5)	14 x 14	0.055 (1.40)	1.52 (38.6)	1,472 (2,193)	302	376
E9MPT-4A5B01CA00	4/0	0.507 (12.9)	1.26 (32.0)	18 x 14	0.055 (1.40)	1.58 (40.1)	1,701 (2,534)	342	415
E9MPT-A15B01CA00	250	0.552 (14.0)	1.31 (33.3)	21 x 14	0.055 (1.40)	1.70 (43.2)	1,969 (2,934)	375	443
E9MPT-A35B01CA00	350	0.654 (16.6)	1.41 (35.8)	29 x 14	0.080 (2.03)	1.78 (45.1)	2,498 (3,722)	445	601
E9MPT-A65B01CA00	500	0.781 (19.8)	1.54 (39.1)	26 x 12	0.080 (2.03)	1.94 (49.2)	3,347 (4,987)	525	557
E9MPT-B25B01CA00	750	0.958 (24.3)	1.73 (43.9)	25 x 10	0.080 (2.03)	2.18 (55.4)	4,588 (6,836)	616	624
Full Neutral									
E9MPM-1A5B01CA00	1/0	0.358 (9.1)	1.10 (27.9)	25 x 14	0.055 (1.40)	1.40 (35.6)	1,369 (2,040)	236	300
E9MPM-2A5B01CA00	2/0	0.401 (10.2)	1.15 (29.2)	32 x 14	0.055 (1.40)	1.48 (37.7)	1,617 (2,410)	270	341
E9MPM-3A5B01CA00	3/0	0.451 (11.5)	1.20 (30.5)	25 x 14	0.055 (1.40)	1.53 (38.9)	1,857 (2,767)	306	386
E9MPM-4A5B01CA00	4/0	0.507 (12.9)	1.26 (32.0)	32 x 12	0.055 (1.40)	1.66 (42.1)	2,257 (3,363)	348	434

¹The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.

²Ampacities: ½ Reduced Neutral, triplexed - based on ICEA Standards. Full Neutral, single phase - based on 90°C conductor, 20°C ambient, 100% load factor, 36" burial depth, and earth RHO 90.