



Okolon® - (TS-CPE) Line Wire

One Conductor/90°C Rating



- A** Solid or Stranded Uncoated Copper or Copperweld Conductor
- B** Covering—Okolon (TS-CPE)— #12 AWG and #10 AWG - 2/64", #9 AWG through #4 AWG - 3/64"

Conductor

Solid or stranded hard drawn uncoated copper or solid Copperweld® conductors.

Covering

Okolon (TS-CPE) is Okonite's trade name for its thermoset chlorinated polyethylene based covering. The covering thickness for sizes #12 AWG and #10 AWG is 2/64", for #9 AWG through #4 AWG is 3/64".

Applications

Okolon (TS-CPE) Line Wire is designed especially for use on overhead signal and power circuits installed on insulators.

Specifications

Conductor: Uncoated, copper, solid or stranded per ASTM B3 and B8 or Copperweld Grade 30 HS or Grade 40 HS per ASTM B-227.

Covering: Okolon (TS-CPE) per AREMA Signal Manual Part 10.3.20 and ASTM D-752.

Finished cable meets all requirements of AREMA Signal Manual Part 10.3.10.

Product Features

- Mechanically rugged.
- Excellent moisture, heat and weather resistance.

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Product Data

Section 7: Sheet 7

Okolon (TS-CPE) Insulation: Sizes #12 AWG and #10 AWG - 2/64"; Sizes #9 AWG through #4 AWG - 3/64"

Catalog Number	Size AWG	No. of Strands	Insulation Thickness-64th	Approx. Cable O.D. Inches	Net Wt. Lbs./M'	Approx. Ship Wt. Lbs./M'
Hard Drawn Bare Copper Conductor						
509-55-3042	12	Sol.	2	.15	29	33
509-55-3046	10	Sol.	2	.17	42	46
509-55-3102	9	Sol.	3	.22	60	68
509-55-3362	8	Sol.	3	.23	72	80
509-55-3360	6	Sol.	3	.27	106	114
509-55-3364	6	Sol.	3	.28	112	120
509-55-3460	4	Sol.	3	.30	157	165
509-55-3464	4	7x	3	.33	166	176
Copperweld 30 HS Conductor						
509-55-4042	12	Sol.	2	.15	27	31
509-55-4046	10	Sol.	2	.17	39	32
509-55-4102	9	Sol.	3	.22	57	65
509-55-4362	8	Sol.	3	.23	68	76
509-55-4262	6	Sol.	3	.27	99	107
509-55-4282	4	Sol.	3	.30	146	154
Copperweld 40 HS Conductor						
509-55-5042	12	Sol.	2	.15	27	31
509-55-5062	10	Sol.	2	.17	39	43
509-55-5102	9	Sol.	3	.22	57	65
509-55-5362	8	Sol.	3	.23	68	76
509-55-5262	6	Sol.	3	.27	99	107
509-55-5282	4	Sol.	3	.30	146	154

Standard Package—#12 AWG and #10 AWG, 1000' Coils; #9 AWG Through #4 AWG, 2500' N.R. Reel.