



Okonite®-Aerial Signal Cables

Railroad Signal Cable—AREMA Class “B” Insulation (Aerial)

600V

Multiple Copper Conductors/90°C Rating



- A Solid or Stranded, Uncoated Copper Conductors
- B Insulation—Okonite 4/64" with printed number code and tracer
- C Tape
- D Jacket—Okolon TS-CPE with sequential footage marking

Insulation

Okonite® EPR insulation is a heat, moisture and chemical resistant, mechanically rugged compound. The insulation thickness for sizes #14 AWG through #9 AWG is 4/64". One conductor in each layer is identified as "Tracer". In addition each conductor is number coded for ease of identification.

Jackets

Individual conductors are assembled with flame and moisture resistant fillers, where needed and cable tape. The overall Okolon® TS-CPE jacket supplied with this cable has high mechanical strength, and excellent resistance to flame, ozone, oil and most chemicals.

Applications

Okonite Railroad Cables are for use in railroad signal circuits where continuity of service and long life are required in all vital circuit and safety related applications. They are designed especially for aerial applications and all wet or dry locations.

Specifications

Annealed Copper Conductors: May be solid or stranded, bare or coated, meeting the requirements of AREMA Signal Manual Part 10.3.16 or 10.3.17.

Insulation: Meets or exceeds electrical and physical requirements of ICEA S-95-658 and AREMA Specifications for Wires and Cables.

Assembly: Per AREMA Signal Manual Part 10.3.16

Outer Jacket: AREMA Signal Manual Part 10.3.20 and meets or exceeds electrical and physical requirements of ICEA S-95-658.

Product Features

- Outstanding mechanical strength at all temperatures.
- Long service life—resists long term aging.
- Excellent electrical stability.
- High insulation resistance.
- Resistant to environmental hazards.
- Easy to install and maintain.
- Acid, alkali, oil and flame resistant.
- Meets IEEE 383-1974 Vertical Tray Flame Test.
- Sequential footage markings on surface of outer jacket.

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Product Data Section 7: Sheet 4

Okonite Insulation: 4/64”

Catalog Number	Size AWG	No. of Strands (1)	No. Condrs.	Outer Jacket Thickness-64th	Approx. Cable O.D. Inches	Net Wt. Lbs./M'	Approx. Ship Wt. Lbs./M'
206-11-1482	14	Sol.	2	4	0.58	162	195
206-11-1483	14	Sol.	3	5	0.64	211	244
206-11-1484	14	Sol.	4	5	0.69	258	291
206-11-1485	14	Sol.	5	5	0.75	312	350
206-11-1487	14	Sol.	7	5	0.81	360	419
206-11-1489	14	Sol.	9	5	0.90	434	473
206-11-1490	14	Sol.	10	6	1.03	594	686
206-11-1492	14	Sol.	12	6	1.08	602	694
206-11-1496	14	Sol.	16	6	1.19	762	890
206-11-1499	14	Sol.	19	6	1.25	857	949
206-11-1505	14	Sol.	27	7	1.52	1216	1398
206-11-1510	14	Sol.	37	7	1.69	1570	1828
206-11-1602	12	Sol.	2	5	0.63	212	245
206-11-1603	12	Sol.	3	5	0.66	249	282
206-11-1604	12	Sol.	4	5	0.72	297	335
206-11-1605	12	Sol.	5	5	0.78	408	467
206-11-1607	12	Sol.	7	5	0.84	425	484
206-11-1842	9	Sol.	2	5	0.70	284	317
206-11-1843	9	Sol.	3	5	0.74	347	385
206-11-1844	9	Sol.	4	5	0.80	425	484
206-11-1845	9	Sol.	5	5	0.87	506	565
206-11-1847	9	Sol.	7	6	0.98	655	747

Standard Package—1000' N.R. Reel.

(1) This construction is also available with stranded conductors.
Consult your Okonite Representative.