

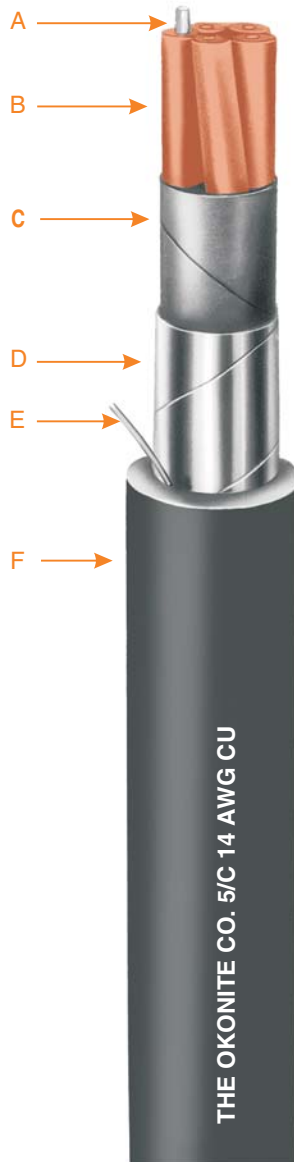
Okonite® Armored Underground Signal Cables

With P.C.F. (Pull Cord Feature)

Heavy Duty Direct Burial Railroad Signal Cable

— AREMA Type 1 EPR Insulation — 600V

Multiple Copper Conductors/90°C Rating



- A Solid or Stranded Uncoated Copper Conductors
- B Insulation—Okonite #14 AWG-#9 AWG 5/64", #6 - #2 AWG 6/64" with printed number code and tracer
- C Cushion Tape Layer
- D Flat Copper Alloy Armor Tape
- E Pull Cord
- F Jacket—Okolene with sequential footage marking

Insulation

Okonite EPR insulation is a heat, moisture and chemical resistant, mechanically rugged compound. The insulation thickness for size #14 AWG through #9 AWG is 5/64" and for #6 AWG through #2 AWG is 6/64". One conductor in each layer is identified as "Tracer". In addition, each conductor is number coded for ease of identification.

Assembly and Finish

Individual conductors are assembled with suitable fillers, where necessary, and a cable cushioning tape. A 7 mil flat copper alloy tape is then helically applied, giving outstanding mechanical protection. The black Okolene® (polyethylene) jacket is then applied overall.

Applications

Okonite Armored Underground Signal Cables are designed for use in all vital railroad signal circuits where security of service and long life are required in all vital circuit and safety related applications. These cables are recommended for use where crush resistance, termite and rodent protection are considerations and in all wet and dry locations.

Specifications

AREMA Signal Manual Part 10.3.17

Conductors: Solid uncoated copper per ASTM B-3.

Insulation: Meets or exceeds electrical and physical requirements of ICEA S-95-658 (NEMA WC70) and AREMA Manual Part 10.3.19, thickness per table 10317-4.

Armor Tape: Copper alloy C19400 per ASTM B-465.

Jacket: Meets or exceeds electrical and physical requirements of ICEA S-95-658, Part 4.1.5.

Product Features

- Mechanically rugged.
- Resistant to aging.
- Easy to install and splice.
- Resistant to environmental hazards.
- Superior moisture resistance.
- Outstanding termite and rodent protection.
- Excellent electrical properties... high dielectric strength, low SIC and power factor and high insulation resistance.
- The Pull Cord feature affords easy and quick accessibility to conductors for splicing and terminating.
- Sequential footage markings on surface of outer jacket.

COMPOSITE CONSTRUCTIONS

Okonite Insulation: #14 AWG through #9 AWG 5/64", #6 AWG 6/64"

Catalog Number	Composite Make-Up	Conductors No. x Size (# Strands)	Conductors No. x Size (# Strands)	Outer Jacket Thickness 64th	Approx Cable O.D. (In.)	Approx Net Wt. Lbs./M'	Approx Ship Wt. Lbs./M
206-11-8974	7/C	2 x 9 (1X)	5 x 14 (1X)	5	0.99	523	574
▲ 206-11-8255	15/C	3 x 6 (1X)	12 x 14 (1X)	6	1.48	1145	1273
▲ 206-11-6283	19/C	6 x 6 (1X)	13 x 14 (1X)	6	1.69	1674	1877

▲ **Authorized Stock Item** - Available from Customer Service Centers.

Composite Cable Constructions are also available with stranded conductors. Consult your Okonite Representative.

Okonite Armored Underground Signal Cables

Product Data Section 7: Sheet 1

Okonite Insulation: #14 AWG Through #9 AWG, 5/64", #6 through #2 AWG, 6/64"

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'
▲ 206-11-6882	14	Sol.	2	4	.63	184	241
206-11-6883	14	Sol.	3	4	.67	220	286
206-11-6884	14	Sol.	4	4	.73	267	338
▲ 206-11-6885	14	Sol.	5	4	.79	314	408
▲ 206-11-6887	14	Sol.	7	5	.89	409	510
206-11-6889	14	Sol.	9	5	1.03	526	671
206-11-6890	14	Sol.	10	5	1.10	583	790
▲ 206-11-6892	14	Sol.	12	5	1.16	649	792
206-11-6895	14	Sol.	15	6	1.31	804	994
206-11-6896	14	Sol.	16	6	1.31	928	1029
▲ 206-11-6899	14	Sol.	19	6	1.38	959	1151
206-11-6901	14	Sol.	21	6	1.45	1050	1250
▲ 206-11-6907	14	Sol.	27	6	1.65	1308	1638
▲ 206-11-6910	14	Sol.	37	7	1.87	1735	2076
206-11-6692	12	Sol.	2	4	.66	206	273
206-11-6693	12	Sol.	3	4	.70	256	330
206-11-6694	12	Sol.	4	4	.76	313	392
206-11-6695	12	Sol.	5	4	.83	368	471
206-11-6697	12	Sol.	7	5	.94	487	594
206-11-6699	12	Sol.	9	5	1.09	625	781
206-11-6700	12	Sol.	10	5	1.16	699	866
206-11-6702	12	Sol.	12	5	1.26	804	952
206-11-6812	10	Sol.	2	4	.70	244	317
206-11-6813	10	Sol.	3	4	.75	311	384
206-11-6814	10	Sol.	4	4	.82	383	483
206-11-6815	10	Sol.	5	5	.92	479	577
206-11-6817	10	Sol.	7	5	1.00	611	746
206-11-6819	10	Sol.	9	5	1.17	772	934
206-11-6820	10	Sol.	10	6	1.25	872	1078
206-11-6822	10	Sol.	12	6	1.35	1007	1199
206-11-6922	9	Sol.	2	4	.73	283	350
▲ 206-11-6923	9	Sol.	3	4	.77	351	443
206-11-6924	9	Sol.	4	5	.88	452	554
▲ 206-11-6925	9	Sol.	5	5	.96	549	640
▲ 206-11-6927	9	Sol.	7	5	1.04	686	829
206-11-6928	9	Sol.	8	5	1.13	775	935
206-11-6929	9	Sol.	9	5	1.23	901	1057
▲ 206-11-6930	9	Sol.	10	6	1.33	1052	1221
206-11-6931	9	Sol.	12	6	1.40	1161	1338
▲ 206-11-6242	6	Sol.	2	5	0.93	457	564
▲ 206-11-6243	6	Sol.	3	5	0.97	591	724
206-11-6244	6	Sol.	4	5	1.08	730	881
▲ 206-11-6245	6	Sol.	5	5	1.18	913	1044
▲ 206-11-6247	6	Sol.	7	6	1.32	1193	1368
206-11-6248	6	Sol.	8	6	1.43	1351	1552
▲ 206-11-6249	6	Sol.	9	6	1.54	1532	1820
▲ 206-11-6070*	6	7†	3*	5	1.04	671	753
▲ 206-11-6374	6	7†	4*	6	1.13	829	896
▲ 206-11-6042	4	7†	2	5	1.03	606	674
▲ 206-11-6373	4	7†	3	5	1.10	801	894
▲ 206-11-6045	4	7†	5	6	1.18	911	1356
▲ 206-11-6130**	2	7†	3**	6	1.25	1191	1346

Minimum Manufacturing Quantity is 1000 ft. Standard Package-1000' N.R. Reel.

▲ Authorized Stock Item - Available from Customer Service Centers.

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

* Includes 1 #8 AWG Class B Ground

** Includes 1 #6 AWG Class B Ground

† Compact round conductors per ASTM B-496 are not in compliance with AREMA Signal Manual Part 10.3.17.

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 **THE OKONITE COMPANY**
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