



Okonite®-DF-Direct Burial or Duct Railroad Signal Cable

(With PCF-Pull Cord Feature)

Heavy Duty — AREMA Type I 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 AWG 6/64" with printed number code and tracer
- C Pull Cord
- D Extruded Cushion Layer
- E 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 it is 6/64". One conductor in each layer is identified as "Tracer". In addition each conductor is number coded for ease of identification.

D.F. Finish

Insulated conductors are assembled with a shock absorbing extruded cushion layer and a black Okolene® (polyethylene) jacket is then applied overall.

Applications

Okonite-D.F. Signal Cables are designed for use in all vital signal circuits where continuity of service and long life are required in all vital circuit and safety related applications. They are especially recommended for use where crush resistance is vital. This cable is recommended for direct burial or duct installations in all wet and dry locations

Specifications

AREMA Signal Manual 10.3.17

Conductors: Solid uncoated copper per ASTM B-3.

Insulation: Meets or exceeds electrical and physical requirements of ICEA S-95-658 and AREMA Manual Part 10.3.19. thickness per table 10316-5.

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.
- Excellent electrical properties.. high dielectric strength, low SIC and power factor and high insulation resistance.
- The Pull Cord affords easy and quick accessibility to conductors for splicing and terminating.
- Sequential footage markings on surface of outer jacket.

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Product Data Section 7: Sheet 2

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

Catalog Number	Size AWG	No. of Strands (1)	No. Condrs.	Cushion Layer-64ths	Outer Jacket Thickness-64th	Approx. Cable O.D. Inches	Net Wt. Lbs./M'	Approx. Ship Wt. Lbs./M'
206-14-3512	14	Sol.	2	3	5	.76	262	302
206-14-3513	14	Sol.	3	3	5	.70	294	369
206-14-3514	14	Sol.	4	3	5	.85	365	440
206-14-3515	14	Sol.	5	3	6	.95	425	500
206-14-3517	14	Sol.	7	3	6	1.02	504	612
206-14-3519	14	Sol.	9	3	6	1.16	662	770
206-14-3520	14	Sol.	10	3	6	1.23	755	900
206-14-3522	14	Sol.	12	3	7	1.32	785	930
206-14-3525	14	Sol.	15	3	7	1.44	929	1074
206-14-3526	14	Sol.	16	3	7	1.44	970	1115
206-14-3529	14	Sol.	19	3	7	1.51	1101	1311
206-14-3531	14	Sol.	21	3	7	1.59	1214	1424
206-14-3535	14	Sol.	27	3	7	1.64	1570	1856
206-14-3540	14	Sol.	37	4	8	2.04	2008	2444
206-14-3632	12	Sol.	2	3	5	.79	298	373
206-14-3633	12	Sol.	3	3	5	.83	340	415
206-14-3634	12	Sol.	4	3	6	.92	423	498
206-14-3635	12	Sol.	5	3	6	.99	499	607
206-14-3637	12	Sol.	7	3	6	1.07	596	704
206-14-3639	12	Sol.	9	3	6	1.22	785	893
206-14-3640	12	Sol.	10	3	7	1.33	923	1068
206-14-3642	12	Sol.	12	3	7	1.39	960	1105
206-14-3752	10	Sol.	2	3	5	.83	349	424
206-14-3753	10	Sol.	3	3	5	.87	405	480
206-14-3754	10	Sol.	4	3	6	.98	505	613
206-14-3755	10	Sol.	5	3	6	1.05	603	711
206-14-3757	10	Sol.	7	3	6	1.13	727	835
206-14-3759	10	Sol.	9	3	7	1.44	983	1128
206-14-3760	10	Sol.	10	3	7	1.41	1124	1269
206-14-3762	10	Sol.	12	3	7	1.48	1178	1388
206-14-3872	9	Sol.	2	3	5	.86	382	457
206-14-3873	9	Sol.	3	3	6	.93	464	539
206-14-3874	9	Sol.	4	3	6	1.00	562	670
206-14-3875	9	Sol.	5	3	6	1.08	667	775
206-14-3877	9	Sol.	7	3	6	1.17	813	921
206-14-3878	9	Sol.	8	3	6	1.26	938	1083
206-14-3880	9	Sol.	10	3	7	1.46	1253	1463
206-14-3882	9	Sol.	12	3	7	1.53	1321	1531
206-14-3182	6	Sol.	2	3	6	1.05	608	716
206-14-3183	6	Sol.	3	3	6	1.10	724	832
206-14-3184	6	Sol.	4	3	6	1.20	888	996
206-14-3185	6	Sol.	5	3	7	1.33	1093	1238
206-14-3187	6	Sol.	7	3	7	1.43	1348	1493
206-14-3188	6	Sol.	8	3	7	1.55	1570	1780

Standard Package—1000' N.R. Reel.

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

 **THE OKONITE COMPANY**
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