Draka

A brand of the Prysmian Group

Track Wire

single or duplex EPR insulated conductors / 9, 8 & 6 AWG / PE jacket / 600 & 2000 volt

Applications

These are 600 and 2000 volt wires specifically designed for use as track wire. They are designed for use in wet or dry conditions and in underground applications. They consist of single or duplex ethylene propylene rubber (EPR) insulated conductors and a polyethylene (PE) outer jacket.

Specifications and Ratings

- AREMA Signal Parts 10.3.16, 10.3.19 and 10.3.21
- ICEA S-95-658 (NEMA WC 70)

Construction

CONDUCTOR: Solid or Class B or C stranded, soft drawn, bare or tinned copper per ASTM B3, B8, B33 and ASTM B258.

INSULATION: Heat and moisture resistant EPR meeting the requirements of AREMA C&S Manual Part 10.3.19, suitable for a maximum continuous operating temperature of 90°C.

CURCUIT IDENTIFICATION: Duplex version has one black and one black with white stripe insulated conductor.

ASSEMBLY: The insulated circuit conductors are cabled together with non-hygroscopic fillers as needed. The cable core is wrapped in a binder tape.

OVERALL JACKET: Heat, moisture-resistant PE that meets the requirements of AREMA C&S Manual Part 10.3.21.

Prysmian Group
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300G_SIGNAL TRACK_WIRE_0113

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Part Number	Number of Conductors	Rated Voltage	Conductor Size	Average Insulation Thickness in (mm)	Average Jacket Thickness in (mm)	Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
197109	1	600	9 AWG	.060 (1.52)	.045 (1.14)	0.350 (8.9)	82 (122)
197209	2	600	9 AWG	.060 (1.52)	.045 (1.14)	0.700 (17.8)	167 (249)
197108	1	600	8 AWG	.080 (2.03)	.045 (1.14)	0.405 (10.3)	109 (162
197208	2	600	8 AWG	.080 (2.03)	.045 (1.14)	0.810 (20.6)	222 (331)
197106	1	600	6 AWG	.080 (2.03)	.045 (1.14)	0.445 (11.3)	148 (221)
197206	2	600	6 AWG	.080 (2.03)	.045 (1.14)	0.890 (22.6)	302 (450)
197119	1	2000	9 AWG	.095 (2.41)	.045 (1.14)	0.420 (10.7)	105 (156
197219	2	2000	9 AWG	.095 (2.41)	.045 (1.14)	0.840 (21.3)	214 (319)
197118	1	2000	8 AWG	.110 (2.79)	.045 (1.14)	0.470 (11.9)	131 (195)
197218	2	2000	8 AWG	.110 (2.79)	.045 (1.14)	0.940 (23.9)	267 (398)
197116	1	2000	6 AWG	.110 (2.79)	.045 (1.14)	0.505 (12.8)	172 (256)
197216	2	2000	6 AWG	.110 (2.79)	.045 (1.14)	1.010 (25.7)	351 (523)

The data herein is approximate and subject to normal manufacturing tolerances.

Information is subject to change without notice. Consult factory for a variety of alternate constructions for specific applications.

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