

MULTI-CONDUCTOR CABLE

Multi-Conductor Irrigation Cable • 30 Volts • Solid Copper Conductor • Dead Soft Annealed Polyvinyl Chloride (PVC) Insulated Singles • Overall High Molecular Weight Polyethylene (PE) Jacket Nylon Rip Cord • RoHS Compliant • Direct Burial Rated



Applications

- Pro-Line's Multi-Conductor Irrigation Cable is for use in direct burial applications for wiring of central control systems, field controls, and solenoid valves as specified in the National Electrical Code.
- Primary installations include connection of solenoid valves with controllers on residential, electrically controlled irrigation systems
- Multi-Conductor Irrigation Cable is listed for direct burial and may be used at temperatures not to exceed 60°C
- Voltage for all applications is 30 volts

Standards and References

Pro-Line's Multi-Conductor Irrigation Cable meets or exceeds the applicable requirements of the following standards and specifications:

- ASTM - (All applicable standards)
- VW-1 - Flame Test
- FT1 - Flame Test
- UL - Underground Golf Course Sprinkler System Cable

Construction

Pro-Line's Multi-Conductor Irrigation Cable is available in 18 AWG solid copper, with multi-conductor constructions of 2 through 25 conductors. The product uses polyvinyl chloride (PVC) insulated singles. The overall jacket consists of a high molecular weight polyethylene (PE) with a nylon rip cord.

Recommended Specifications

Conductors shall be UL-Listed Multi-Conductor Irrigation Cable for underground golf course sprinkler systems with a direct burial rating. Conductors shall be suitable for operation at 30 volts as specified in the National Electrical Code. Conductors shall be annealed solid copper, insulated with PVC, and jacketed with PE. Multi-Conductor Irrigation Cable shall be **PRO-LINE WIRE & CABLE** or approved equal.

WEIGHTS, MEASUREMENTS AND PACKAGING

PART NUMBER	SIZE (AWG)	CONDUCTORS		INSULATION THICKNESS		JACKET THICKNESS		NOMINAL OVERALL DIAMETER		APPROX. NET WEIGHT		STANDARD PACKAGING
		NO. OF	STRANDS	mm	inches	mm	inches	mm	inches	kg/km	lbs/mft	
18 AWG MULTI-CONDUCTOR IRRIGATION CABLE (DIRECT BURIAL RATED)												
7930101	18 AWG	2/C	SOLID	0.381	0.015	0.635	0.025	5.030	0.198	29.9	20.1	07, 11, 14, 20
7930202	18 AWG	3/C	SOLID	0.381	0.015	0.635	0.025	5.284	0.208	39.7	26.7	07, 11, 14, 20
7930303	18 AWG	4/C	SOLID	0.381	0.015	0.635	0.025	5.741	0.226	50.0	33.6	07, 11, 14, 20
7930404	18 AWG	5/C	SOLID	0.381	0.015	0.635	0.025	6.249	0.246	60.3	40.5	07, 11, 14, 20
7930505	18 AWG	6/C	SOLID	0.381	0.015	0.635	0.025	6.808	0.268	70.7	47.5	07, 11, 14, 20
7930606	18 AWG	7/C	SOLID	0.381	0.015	0.635	0.025	6.808	0.268	79.9	53.7	07, 11, 14, 20
7930707	18 AWG	8/C	SOLID	0.381	0.015	0.635	0.025	7.366	0.290	90.3	60.7	07, 11, 14, 20
7930808	18 AWG	9/C	SOLID	0.381	0.015	0.635	0.025	7.925	0.312	100.7	67.7	07, 11, 14, 20
7930909	18 AWG	10/C	SOLID	0.381	0.015	0.635	0.025	8.763	0.345	111.3	74.8	07, 11, 14, 20
7931111	18 AWG	12/C	SOLID	0.381	0.015	0.635	0.025	8.941	0.352	130.5	87.7	07, 11, 14, 20
7931212	18 AWG	13/C	SOLID	0.381	0.015	0.635	0.025	9.398	0.370	140.8	94.6	07, 11, 14, 20
7931515	18 AWG	16/C	SOLID	0.381	0.015	0.635	0.025	10.668	0.420	170.2	114.4	07, 11, 14
7931818	18 AWG	19/C	SOLID	0.381	0.015	0.635	0.025	10.719	0.422	199.1	133.8	07, 11, 14
7932424	18 AWG	25/C	SOLID	0.381	0.015	0.635	0.025	13.056	0.514	264.6	177.8	07, 11, 14

PART NUMBER DESIGNATION: PACKAGE CODE

250' REEL	500' REEL	1000' REEL	2500' REEL	
07	11	14	20	

