

UNDERGROUND LOW ENERGY CIRCUIT CABLE

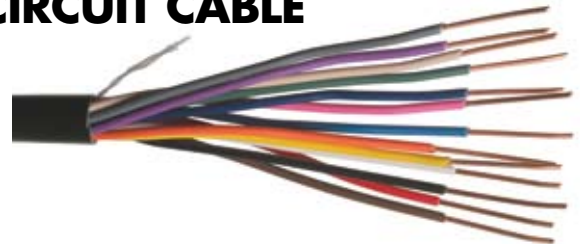
INSULATION: **PVC**

JACKET: **PE WITH NYLON RIP CORD**

SIZE: **18 AWG**

2-25 CONDUCTORS

UL LISTED FOR DIRECT BURIAL



1.0 SCOPE:

1.1 For connecting the 24 volt irrigation controller outputs to the solenoid valves. Also used in many other direct burial applications.

2.0 PHYSICAL SPECIFICATIONS:

2.1 Multiple conductors of solid bare copper meeting ASTM B-3, insulated with .015" of 80°C color coded PVC insulation, are cabled with .025" of an extruded PE jacket with a nylon rip cord. This cable is suitable for direct burial, rated 30 volts UL listed. Outer Jacket is UV and sunlight resistant.

3.0 MANUFACTURER'S IDENTIFICATION:

Surface marked with Paige Electric P7183D, 18 AWG and number of conductors, 30V, direct burial sprinkler system wire, UL file number, sequential footage every 2 feet maximum.

4.0 SPLICING RECOMMENDATIONS

Underground splices shall be made in accordance with National Electrical Code® Articles 300.5 (Underground Installations) and 110.14 (Electrical Connections) using 3M DBY-6 or DBR-6 connectors, which are UL listed under "UL 486D-Direct Burial", for wet or damp locations, 600 volts. Connectors that are not listed at all, or listed under UL Standard UL 486C as "Compression Connectors", shall not be allowed.

5.0 CONSTRUCTION:

5.1 Put-Ups:

250, 500, 1000 and 2500 feet. Other custom put-ups available upon request.

5.2

NO. OF COND.	COLOR	OUTSIDE DIAMETER	WEIGHT LBS/MFT
1	RED	-	-
2	WHITE	.195	21
3	BLUE	.205	27
4	GREEN	.225	35
5	BROWN	.245	43
6	BLACK	.265	54
7	YELLOW	.280	58
8	ORANGE	.290	66
9	PURPLE	.310	75
10	GRAY	.325	84
11	TAN	-	-
12	PINK	.340	96
13	LIGHT BLUE	.355	104
14	WHITE W/ BLUE STRIPE	-	-
15	WHITE W/ BLACK STRIPE	-	-
16	WHITE W/ BROWN STRIPE	.383	128
17	WHITE W/ RED STRIPE	-	-
18	RED W/ WHITE STRIPE	-	-
19	BLUE W/ WHITE STRIPE	.405	150
20	GREEN W/ WHITE STRIPE	-	-
21	BROWN W/ WHITE STRIPE	-	-
22	BLACK W/ WHITE STRIPE	-	-
23	YELLOW W/WHITE STRIPE	-	-
24	ORANGE W/WHITE STRIPE	-	-
25	PURPLE W/WHITE STRIPE	.470	193