



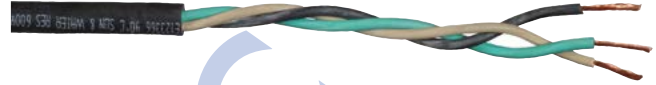
SUBMERSIBLE PORTABLE CORD & CONTROL CABLE, 300 VOLT

INSULATION: **ETHYLENE PROPYLENE RUBBER (EPR)**

OUTER JACKET: **CHLORINATED POLYETHYLENE (CPE)**

SIZES: **18 AWG - 10 AWG**

90°C WET/DRY



1.0 APPLICATIONS:

1.1 Flexible Submersible Pump Cable designed for use in submersible and industrial applications suitable for continuous submersion. This type SJOOW portable junior service cord is oil and water resistant, integral filled, easy to strip and made without fillers. Impact, Abrasion, Ozone, Sun, Weather, Heat, Oil, and Flame resistant.

2.0 FEATURES:

- 2.1**
- Excellent flexibility
 - Oil, solvents, ozone, weather, sunlight and water resistant
 - Temperature range: -40°C to +90°C
 - Flame test meets VW-1, FT2 and MSHA
 - Suitable for shallow water immersion.

3.0 CONSTRUCTION:

3.1 **Conductors:**

Flexible stranded bare copper, optional tin-coated copper, in accordance with ASTM B 174 and UL 62.

3.2 **Insulation:**

Ethylene-propylene rubber (EPR).

3.3 **Assembly:**

Insulated conductors cabled together with rubber or paper fillers as needed.

3.4 **Separator:**

Paper tape or polyester tape.

3.5 **Color Code:**

2/C Black, White
 3/C Black, White, Green
 4/C Black, White, Red, Green
 5/C Black, White, Red, Green, Orange

3.6 **Jacket:**

CPE or CP compound class 1.10 90°C of UL 62.

3.7 **Color of Jacket:**

Black, other colors available upon request.

3.8 **Multicore Cables:**

NUMBER OF CORE	COLOR	TRACER
1	black	-
2	white	-
3	green	-
4	red	-
5	orange	-
6	blue	-
7	white	black
8	red	black
9	green	black
10	orange	black
11	blue	black
12	black	white
13	red	white
10	green	white
15	blue	white
16	black	red
17	white	red
18	orange	red
19	blue	red
20	red	green
21	orange	green

4.0 **Approvals**

4.1 **MSHA:**

4.1.1 P-7K-254013 (CPE)

4.2 **UL:**

4.2.1 E123366 (CPE)

4.3 **CSA:**

1534535 (LL 103932) (CPE)

5.0 DIMENSIONS:

Paige Part Number	Power Conductor Size	Number of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approximate Weight lbs./1000 ft	Ampacity (1) 30°C Ambient Temp
	AWG		No. of Stranding	inch	mm	inch	mm	inch	mm		
SJ00W18-2	18	2	16/30	0.030	0.76	0.030	0.76	0.28	7.2	42	10.0
SJ00W18-3	18	3	16/30	0.030	0.76	0.060	0.76	0.30	7.7	52	10.0
SJ00W18-4	18	4	16/30	0.030	0.76	0.030	0.76	0.33	8.4	63	7.0
SJ00W18-5	18	5	16/30	0.030	0.76	0.030	0.76	0.36	9.0	78	5.6
SJ00W16-2	16	2	26/30	0.030	0.76	0.030	0.76	0.31	7.9	53	13.0
SJ00W16-3	16	3	26/30	0.030	0.76	0.030	0.76	0.33	8.4	66	13.0
SJ00W16-4	16	4	26/30	0.030	0.76	0.030	0.76	0.36	9.1	83	10.0
SJ00W16-5	16	5	26/30	0.030	0.76	0.030	0.76	0.39	10.0	103	8.0
SJ00W14-2	14	2	41/30	0.030	0.76	0.030	0.76	0.34	8.7	68	18.0
SJ00W14-3	14	3	41/30	0.030	0.76	0.030	0.76	0.36	9.2	88	18.0
SJ00W14-4	14	4	41/30	0.030	0.76	0.030	0.76	0.40	10.1	110	15.0
SJ00W14-5	14	5	41/30	0.030	0.76	0.030	0.76	0.44	11.1	137	12.0
SJ00W12-2	12	2	65/30	0.030	0.76	0.045	1.14	0.41	10.4	104	25.0
SJ00W12-3	12	3	65/30	0.030	0.76	0.045	1.14	0.43	10.9	131	25.0
SJ00W12-4	12	4	65/30	0.030	0.76	0.045	1.14	0.47	11.9	163	20.0
SJ00W12-5	12	5	65/30	0.030	0.76	0.045	1.14	0.51	12.9	200	16.0
SJ00W10-2	10	2	103/30	0.045	1.14	0.060	1.52	0.54	13.8	177	30.0
SJ00W10-3	10	3	103/30	0.045	1.14	0.060	1.52	0.58	14.6	225	30.0
SJ00W10-4	10	4	103/30	0.045	1.14	0.1 0.060 10	1.52	0.63	16.0	279	25.0

Ampacities (Amps per conductor) are based on 30°C ambient temperature in air. 90°C conductor temperature per the 2002NEC Table 400-5 (B)