



**SUBMERSIBLE PUMP
MULTI-CONDUCTOR
FLEXIBLE PORTABLE POWER CABLE**

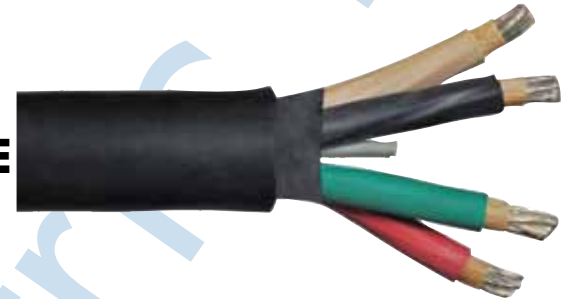
INSULATION: **EPR**

OUTER JACKET: **CPE**

SIZES: **8 AWG - 500 MCM**

600/2000 VOLTS

90°C TO -37°C



1.0 APPLICATIONS:

1.1 Round cable designed for use in deep well submersible in fresh or salt water suitable for continuous submersion to 984' and temporary power supply where grounded circuits are not required. Dual rated submersible Type W. Impact, Abrasion, Ozone, Sun, Weather, Heat, Oil, and Grease resistant.

2.0 FEATURES:

2.1

- Excellent resistance to oil, solvents, U.V., ozone, aging, and abrasion.
- Excellent flexibility
- Flame retardant

3.0 CONSTRUCTION:

3.1 Conductor:
Annealed flexible stranded tin copper in accordance with ASTM B-172 and ICEA S-75-381

3.2 Insulation:
Ethylene-propylene rubber (EPR) type EP

3.3 Color Code:
2/C - Black, White
3/C - Black, White, Green
4/C - Black, White, Red, Green
5/C - Black, White, Red, Green, Orange

3.4 Cabling:

Power conductors and cured rubber fillers cabled together. Single faced rubber filled binder tape applied over the assembly for mechanical protection.

3.5 Jacket:

CPE thermosetting compound, heavy or extra heavy duty in accordance with par. 3.21 of ICEA S-75-381/NEMA WC58.

3.6 Cable Identification:

Indent print on jacket. (Size) AWG (no.)/C Type W Portable Power Cable 90°C 2000V (UL) MSHA.

4.0 APPROVALS:

4.1 UL: E207132
MSHA: P-7K-268101 (CPE); P-7K-268077 (Neoprene)
CUL: E207132 (CPE)
CSA: 1523058 (LR 103932) (Neoprene)

3.7

PAIGE PART #	CONDUCTOR SIZE (AWG)	NUMBER OF INSULATED CONDUCTORS	POWER CONDUCTOR STRANDING	NOMINAL INSULATION THICKNESS		CABLE O.D.		CABLE WEIGHT		AMPACITY (1) 40°C AMBIENT TEMP.
				Inches	mm	Inches	mm	(LB/MFT*)	KGS/KM	
1156001	8	2	133 7x19	0.060	1.52	0.83	21.1	391	581	72
1156002	6	2	133 7x19	0.060	1.52	0.94	23.9	571	849	95
1156003	4	2	259 7x37	0.060	1.52	1.07	27.3	793	1180	127
1156004	2	2	259 7x37	0.060	1.52	1.26	32.1	1142	1699	167
1156005	1	2	259 7x37	0.080	2.03	1.41	35.9	1357	2019	191
1156006	1/0	2	266 19x14	0.080	2.03	1.51	38.3	1693	2520	217
1156007	2/0	2	342 19x18	0.080	2.03	1.65	41.9	1908	2840	250
1156008	3/0	2	418 19x22	0.080	2.03	1.77	45.0	2600	3870	286
1156009	4/0	2	532 19x28	0.080	2.03	1.92	48.8	2675	3980	328
1156010	250 MCM	2	627 19x33	0.095	2.41	2.10	53.3	3434	5110	363
1156011	8	3	133 7x19	0.060	1.52	0.89	22.5	518	771	59
1156012	6	3	133 7x19	0.060	1.52	1.03	26.1	716	1066	79
1156013	4	3	259 7x37	0.060	1.52	1.15	29.1	972	1446	104
1156014	2	3	259 7x37	0.060	1.52	1.31	33.3	1357	2019	138
1156015	1	3	259 7x37	0.080	2.03	1.49	37.8	1644	2447	161
1156016	1/0	3	266 19x14	0.080	2.03	1.65	41.9	2133	3174	186
1156017	2/0	3	342 19x18	0.080	2.03	1.71	43.5	2567	3820	215
1156018	3/0	3	418 19x22	0.080	2.03	1.85	47.0	2965	4413	249
1156019	4/0	3	532 19x28	0.080	2.03	1.99	50.6	3588	5340	287
1156020	250 MCM	3	627 19x33	0.095	2.41	2.33	59.2	4532	6745	320
1156021	350 MCM	3	888 37x24	0.095	2.41	2.63	66.9	6027	8970	394
1156022	500 MCM	3	1221 37x33	0.095	2.41	2.97	75.5	7996	11900	487
1156023	8	4	133 7x19	0.060	1.52	0.99	25.1	668	994	54
1156024	6	4	133 7x19	0.060	1.52	1.11	28.3	908	1351	72
1156025	4	4	259 7x37	0.060	1.52	1.25	31.7	1220	1815	93
1156026	2	4	259 7x37	0.060	1.52	1.43	36.3	1762	2622	122
1156027	1	4	259 7x37	0.080	2.03	1.66	42.1	2127	3165	143
1156028	1/0	4	266 19x14	0.080	2.03	1.77	45.0	2720	4047	165
1156029	2/0	4	342 19x18	0.080	2.03	1.91	48.5	3291	4897	192
1156030	3/0	4	418 19x22	0.080	2.03	2.04	51.8	3889	5787	221
1156031	4/0	4	532 19x28	0.080	2.03	2.24	56.8	4763	7087	255
1156032	250 MCM	4	627 19x33	0.095	2.41	2.61	66.2	5562	8276	280
1156033	350 MCM	4	888 37x24	0.095	2.41	2.95	74.8	7329	10906	335
1156034	500 MCM	4	1221 37x33	0.095	2.41	3.34	84.8	9896	14726	395
1156035	8	5	133 7x19	0.060	1.52	1.07	27.2	776	1154	50
1156036	6	5	133 7x19	0.060	1.52	1.24	31.5	1024	1524	68
1156037	4	5	259 7x37	0.060	1.52	1.36	35.2	1432	2131	88
1156038	2	5	259 7x37	0.060	1.52	1.56	39.8	2051	3052	116
1156039	1	5	259 7x37	0.080	2.03	1.85	47.1	2665	3967	136
1156040	1/0	5	266 19x14	0.080	2.03	1.98	50.4	3406	5069	150
1156041	2/0	5	342 19x18	0.080	2.03	2.13	54.1	3596	5351	172
1156042	3/0	5	418 19x22	0.080	2.03	2.27	57.6	4728	7035	200
1156043	4/0	5	532 19x28	0.080	2.03	2.46	62.6	5512	8203	230

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