



Paige spec

P7282M-W



**TYPE W MULTI-CONDUCTOR PORTABLE
POWER CABLE 600/2000 VOLTS**
INSULATION: (EPR) ETHYLENE-PROPYLENE RUBBER
JACKET: (CPE) CHLORINATED POLYETHYLENE
SIZES: **8 AWG - 500 MCM,**
-40°C + 90°C



1.0 APPLICATIONS:

- 1.1**
- Use on AC off track equipment such as miners, shuttle cars, cutting machines, loading machines, drills, conveyors, and pumps
 - Power to open pit strip and deep mines
 - For applications requiring ground check conductor for added safety.



2.0 FEATURES:

- 2.1**
- Excellent Flexibility
 - High ozone, sun, weather and flame resistant
 - Rated and flexible at -40°C
 - Excellent impact and abrasion resistant
 - Oil and heat resistant
 - Indent printed for easy identification

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 Cable Reinforcement:**
Power conductors and cured rubber fillers cabled together. Single faced rubber filled binder tape applied over the assembly for mechanical protection.
- 3.4 Jacket:**
CPE thermosetting compound, heavy or extra heavy duty in accordance with par. 3.21 of ICEA S-75-381; Neoprene optional jacket available.

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 Cable Identifications:

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

4.0 APPROVALS:

- UL:** E207132
MSHA: P-7K-268101 (CPE)
P-7K-268077 (Neoprene)
C(UL): E207132
CSA: 1523058

5.0 Dimensions

Paige Part #	Conductor Size	Number of Insulated Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approximate Cable Weight		Ampacity (1) 40°C Ambient Temp.
	AWG or MCM		No. of Stranding	inches	mm	inches	mm	(lb/mft*)	kgs/km	
1156001	8	2	133 7 x 19	0.060	1.52	0.83	21.1	391	581	72
1156002	6	2	133 7 x 19	0.060	1.52	0.94	23.9	571	849	95
1156003	4	2	259 7 x 37	0.060	1.52	1.07	27.3	793	1180	127
1156004	2	2	259 7 x 37	0.060	1.52	1.26	32.1	1142	1699	167
1156005	1	2	259 7 x 37	0.080	2.03	1.41	35.9	1357	2019	191
1156006	1/0	2	266 19 x 14	0.080	2.03	1.51	38.3	1693	2520	217
1156007	2/0	2	342 19 x 18	0.080	2.03	1.65	41.9	1908	2840	250
1156008	3/0	2	418 19 x 22	0.080	2.03	1.77	45.0	2600	3870	286
1156009	4/0	2	532 19 x 28	0.080	2.03	1.92	48.8	2675	3980	328
1156010	250 MCM	2	627 19 x 33	0.095	2.41	2.10	53.3	3434	5110	363
1156011	8	3	133 7 x 19	0.060	1.52	0.89	22.5	518	771	59
115601	6	3	133 7 x 19	0.060	1.52	1.03	26.1	716	1066	79
1156013	4	3	259 7 x 37	0.060	1.52	1.15	29.1	972	1446	104
1156014	2	3	259 7 x 37	0.060	1.52	1.31	33.3	1357	2019	138
1156015	1	3	259 7 x 37	0.080	2.03	1.49	37.8	1644	2447	161
1156016	1/0	3	266 19 x 14	0.080	2.03	1.65	41.9	2133	3174	186
1156017	2/0	3	342 19 x 18	0.080	2.03	1.71	53.5	2567	3820	215
1156018	3/0	3	418 19 x 22	0.080	2.03	1.85	47.0	2965	4413	249
1156019	4/0	3	532 19 x 28	0.080	2.03	1.99	50.6	3588	5340	287
1156020	250 MCM	3	627 19 x 33	0.095	2.41	2.33	59.2	4532	6745	320
1156021	350 MCM	3	888 37 x 24	0.095	2.41	2.63	66.9	6027	8970	394
1156022	500 MCM	3	1221 37 x 33	0.095	2.41	2.97	75.5	7996	11900	487
1156023	8	4	133 7 x 19	0.060	1.52	0.99	25.1	668	994	54
1156024	6	4	133 7 x 19	0.060	1.52	1.11	28.3	908	1351	72
1156025	4	4	259 7 x 37	0.060	1.52	1.25	31.7	1220	1815	93
1156026	2	4	259 7 x 37	0.060	1.52	1.43	36.3	1762	2622	122
1156027	1	4	259 7 x 37	0.080	2.03	1.66	42.1	2127	3165	143
1156028	1/0	4	266 19 x 14	0.080	2.03	1.77	45.0	2720	4047	165
1156029	2/0	4	342 19 x 18	0.080	2.03	1.91	48.5	3291	4897	192
1156030	3/0	4	418 19 x 22	0.080	2.03	2.04	51.8	3889	5787	221
1156031	4/0	4	532 19 x 28	0.080	2.03	2.24	56.8	4763	7087	255
1156032	250 MCM	4	627 19 x 33	0.095	2.41	2.61	66.2	5562	8276	280
1156033	350 MCM	4	888 37 x 24	0.095	2.41	2.95	74.8	7329	10906	335
1156034	500 MCM	4	1221 37 x 33	0.095	2.41	3.34	84.8	9896	14726	395
1156035	8	5	133 7 x 19	0.060	1.52	1.07	27.2	776	1154	50
1156036	6	5	133 7 x 19	0.060	1.52	1.24	31.5	1024	1524	68
1156037	4	5	259 7 x 37	0.060	1.52	1.36	35.2	1432	2131	88
1156038	2	5	259 7 x 37	0.060	1.52	1.56	39.8	2051	3052	116
1156039	1	5	259 7 x 37	0.080	2.03	1.85	47.1	2665	3967	136
1156040	1/0	5	266 19 x 14	0.080	2.03	1.98	50.4	3406	5069	150
1156041	2/0	5	342 19 x 18	0.080	2.03	2.13	54.1	3596	5351	172
1156042	3/0	5	418 19 x 22	0.080	2.03	2.27	57.6	4728	7035	200
1156043	4/0	5	532 19 x 28	0.080	2.03	2.46	62.6	5512	8203	230

(1)*Ampacities (Amps per conductor) are based on 30°C ambient temperature in air. 90°C conductor temperature.