



SUBMERSIBLE PUMP ROUND INTERLOCKED ARMOR CABLE 600 VOLT UL TYPE MC 3 OR 4 CONDUCTORS WITH GROUND



INSULATION: **(XLP) CROSS-LINKED POLYETHYLENE**
 OUTER JACKET: **SUNLIGHT RESISTANT PVC**

SIZES: **14 AWG - 750 MCM, 90°C WET/DRY**



1.0 APPLICATIONS:

1.1 Designed for use as a power cable where maximum protection is required. Direct burial rated and UL listed well locations. Type MC. Good for use as a submersible cable.

2.0 CONSTRUCTION:

2.1 Conductors:
 3 or 4 Class B stranded copper

2.2 Insulation:
 Heat and moisture resistant crosslinked polyethylene (type XHHW-2), phase identified.

2.3 Fillers:
 When needed.

2.4 Ground:
 1 bare copper ground for 3 conductor
 2 bare copper grounds for 4 conductor

2.5 Armor:
 Core covered with binder tape, aluminum or galvanized steel interlocked armor.

2.6 Jacket:
 Flame and sunlight resistant black PVC jacket. (Jacket available under armor and in other colors.)

2.7

Color Code:

K-2/other color codes available.

2.8

Temperature:

90°C Wet/Dry
Per ICEA S-66-534/NEMA WC-7

2.9

Cable Reinforcement:

An open reinforcement is applied over the assembly for mechanical protection.

3.0

Underwriters' Laboratories Approval:

3.1

All cables shall be tested physically and electrically in accordance with UL and IEEE-383 flame test with additional 210,000 BTU rating. All reels and cartons bear UL labels. CT use-UL approved; UL 1569.

4.0

Standards and Ratings:

4.1

Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.

4.2

Conductors conform to UL 44 Thermoset-Insulated Wires and Cables.

4.3

Listed by UL as Type MC per Standard UL 1569.

4.4

Listed by UL as Sunlight Resistant, for Direct Burial, and for CT use.

5.0 Dimensions

Paige Part Number	Conductor				Insulation mils	Jacket miles	Size AWG Copper Ground Wire	Approximate O.D.		Approx. Weight lbs/1000 ft	Ampacity (1) 40°C Ambient Temp.
	Size	No. of Insulated Conductors	No. of Strands	Nominal O.D.				inches	mm		
7307SP1	8	3	7	0.14	45	50	8	0.92	23.37	425	55
7307SP2	6	3	7	0.18	45	50	8	0.98	24.89	550	75
7307SP3	4	3	7	0.23	45	50	8	1.01	25.65	730	95
7307SP4	2	3	7	0.28	45	50	6	1.14	28.96	1050	130
7307SP5	1	3	19	0.32	55	50	6	1.27	32.26	1285	150
7307SP6	1/0	3	19	0.36	55	50	6	1.36	34.54	1530	170
7307SP7	2/0	3	19	0.41	55	50	6	1.45	36.83	1835	195
7307SP8	3/0	3	19	0.46	55	50	4	1.56	39.62	2265	225
7307SP9	4/0	3	19	0.51	55	50	4	1.70	43.18	2770	260
7307SP10	250	3	37	0.56	65	60	4	2.02	51.31	3330	290
7307SP11	300	3	37	0.61	65	60	3	2.13	54.10	3900	320
7307SP12	350	3	37	0.66	65	60	3	2.24	56.90	4445	350
7307SP13	400	3	37	0.71	65	60	3	2.34	59.44	4980	380
7307SP14	500	3	37	0.79	65	75	2	2.54	64.52	6150	430
7307SP15	600	3	61	0.87	80	75	2	2.78	70.61	7315	475
7307SP16	750	3	61	0.97	80	75	1	3.00	76.20	8965	535
7307SP17	1000	3	61	1.12	80	85	1/0	3.34	84.84	11705	615
7307SP18	8	4	7	0.14	45	50	8	0.98	24.89	505	44
7307SP19	6	4	7	0.18	45	50	8	1.04	26.42	675	60
7307SP20	4	4	7	0.23	45	50	8	1.10	27.94	915	76
7307SP21	2	4	7	0.28	45	50	6	1.24	31.50	1305	104
7307SP22	1	4	19	0.32	55	50	6	1.39	35.31	1610	120
7307SP23	1/0	4	19	0.36	55	50	6	1.48	37.59	1930	136
7307SP24	2/0	4	19	0.41	55	50	6	1.59	40.39	2325	156
7307SP25	3/0	4	19	0.46	55	50	4	1.73	43.94	2905	180
7307SP26	4/0	4	19	0.51	55	50	4	2.03	51.56	3620	208
7307SP27	250	4	37	0.56	65	60	4	2.20	55.88	4235	232
7307SP28	300	4	37	0.61	65	60	3	2.33	59.18	4970	256
7307SP29	350	4	37	0.66	65	60	3	2.48	62.99	5750	280
7307SP30	400	4	37	0.71	65	60	3	2.59	65.79	6460	304
7307SP31	500	4	37	0.79	65	75	2	2.79	70.87	7885	344
7307SP32	600	4	61	0.87	80	75	2	3.05	77.47	9410	380
7307SP33	750	4	61	0.97	80	75	1	3.32	84.33	11615	428