

APPLICATION: Power cable designed for use in industrial and other demanding applications, including heavy equipment, construction machinery, motors and welding leads, portable lighting, battery chargers, shallow water immersion, and mining environments.

CONDUCTOR: Annealed stranded bare copper per ASTM B-174 and UL62

INSULATION: EPDM 90°C Compound Class3 , Table8 UL62

ASSEMBLY: Insulated cores cabled together with integral fillers

OUTER SHEATH: Chlorinated Polyethylene (CPE) compound class 1.4 ,UL62 , table15
Temperature Range : -40°C / +90°C

COLOR: Black; Special Options: Yellow, Orange and other colors

RATED VOLTAGE: 600V

TEMPERATURE RANGE: -40°C (-40°F) to 90°C (194°F)

INDUSTRY APPROVALS:

UL Flexible Cord - Subject 62
MSHA Approved
RoHS Compliant

APPLICATIONS:

Industrial Equipment
Motors and associated machinery
Cranes and hoists track systems
Suitable for shallow water immersion

STANDARDS & MAIN CHARACTERISTICS:

UL62 - Flexible Cords and Cables
UL2556 - Wire and Cable Test methods
CAN/CSA-C22.2 No.49-18 - Flexible Cords and Cables
CSA C22.2 No.2556-15. Wire and Cable Test Methods
RoHS
Flame Test: FT2
Oil Resistant
Solvents Resistant
Weather Resistant
Sunlight Resistant
Water Resistant



DISTRIBUTOR WIRE & CABLE

SOOW 18 AWG-10 AWG

DWC Part No.	Size (AWG)	# of Conductors	# of Strands	Insulation Thickness		Approx. Diameter (Tolerance ±5%)		Approx. Cable Weight (lbs/MF)
				mm	inch	mm	inch	
1802SOOW	18	2	16	0.76	0.03	8.8	0.346	59
1803SOOW	18	3	16	0.76	0.03	9.3	0.366	72
1804SOOW	18	4	16	0.76	0.03	10	0.394	89
1805SOOW	18	5	16	0.76	0.03	11.8	0.465	122
1806SOOW	18	6	16	0.76	0.03	12.6	0.496	138
1807SOOW	18	7	16	0.76	0.03	13.6	0.535	155
1808SOOW	18	8	16	0.76	0.03	13.9	0.547	164
1810SOOW	18	10	16	0.76	0.03	15.4	0.606	195
1812SOOW	18	12	16	0.76	0.03	15.9	0.626	218
1814SOOW	18	14	16	0.76	0.03	16.6	0.654	243
1816SOOW	18	16	16	0.76	0.03	18.2	0.717	297
1818SOOW	18	18	16	0.76	0.03	19	0.748	324
1820SOOW	18	20	16	0.76	0.03	20	0.787	352
1824SOOW	18	24	16	0.76	0.03	21.8	0.858	404
1830SOOW	18	30	16	0.76	0.03	23	0.906	475
1602SOOW	16	2	26	0.76	0.03	9.4	0.37	70
1603SOOW	16	3	26	0.76	0.03	9.9	0.39	86
1604SOOW	16	4	26	0.76	0.03	10.8	0.425	109
1605SOOW	16	5	26	0.76	0.03	12.6	0.496	147
1606SOOW	16	6	26	0.76	0.03	13.5	0.531	167
1607SOOW	16	7	26	0.76	0.03	13.5	0.531	182
1608SOOW	16	8	26	0.76	0.03	14.9	0.587	202
1609SOOW	16	9	26	0.76	0.03	16.4	0.646	230
1610SOOW	16	10	26	0.76	0.03	16.6	0.654	240
1612SOOW	16	12	26	0.76	0.03	17.9	0.705	296
1614SOOW	16	14	26	0.76	0.03	18.7	0.736	330
1616SOOW	16	16	26	0.76	0.03	19.6	0.772	369
1618SOOW	16	18	26	0.76	0.03	20.5	0.807	404
1620SOOW	16	20	26	0.76	0.03	21.6	0.85	440
1624SOOW	16	24	26	0.76	0.03	23.6	0.929	509
1630SOOW	16	30	26	0.76	0.03	25.5	1.004	628
1402SOOW	14	2	41	1.14	0.045	12.6	0.496	122
1403SOOW	14	3	41	1.14	0.045	13.3	0.524	152

Questions? Contact Your Account Manager Today!

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				mm	inch	mm	inch	
1404SOOW	14	4	41	1.14	0.045	14.5	0.571	192
1405SOOW	14	5	41	1.14	0.045	16.7	0.657	252
1406SOOW	14	6	41	1.14	0.045	17.9	0.705	300
1407SOOW	14	7	41	1.14	0.045	17.9	0.705	313
1408SOOW	14	8	41	1.14	0.045	19.9	0.783	347
1409SOOW	14	9	41	1.14	0.045	21.9	0.862	397
1410SOOW	14	10	41	1.14	0.045	22.2	0.874	417
1412SOOW	14	12	41	1.14	0.045	22.9	0.902	473
1414SOOW	14	14	41	1.14	0.045	24	0.945	524
1416SOOW	14	16	41	1.14	0.045	25.9	1.02	628
1420SOOW	14	20	41	1.14	0.045	28.6	1.126	753
1424SOOW	14	24	41	1.14	0.045	31.4	1.236	874
1430SOOW	14	30	41	1.14	0.045	33.2	1.307	1040
1202SOOW	12	2	65	1.14	0.045	14.5	0.571	169
1203SOOW	12	3	65	1.14	0.045	15.3	0.602	209
1204SOOW	12	4	65	1.14	0.045	16.5	0.65	263
1205SOOW	12	5	65	1.14	0.045	17.9	0.705	308
1206SOOW	12	6	65	1.14	0.045	19.3	0.76	354
1207SOOW	12	7	65	1.14	0.045	19.3	0.76	388
1208SOOW	12	8	65	1.14	0.045	21.4	0.843	429
1209SOOW	12	9	65	1.14	0.045	23.7	0.933	493
1210SOOW	12	10	65	1.14	0.045	24.6	0.969	543
1212SOOW	12	12	65	1.14	0.045	25.4	1	619
1214SOOW	12	14	65	1.14	0.045	26.6	1.047	698
1216SOOW	12	16	65	1.14	0.045	28	1.102	788
1218SOOW	12	18	65	1.14	0.045	29.4	1.157	869
1220SOOW	12	20	65	1.14	0.045	31.8	1.252	994
1224SOOW	12	24	65	1.14	0.045	34.9	1.374	1152
1226SOOW	12	26	65	1.14	0.045	34.9	1.374	1220
1230SOOW	12	30	65	1.14	0.045	36.9	1.453	1378
1002SOOW	10	2	104	1.14	0.045	15.8	0.622	209
1003SOOW	10	3	104	1.14	0.045	16.7	0.657	265
1004SOOW	10	4	104	1.14	0.045	18.1	0.713	325

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				mm	inch	mm	inch	
1005SOOW	10	5	104	1.14	0.045	19.6	0.772	398
1006SOOW	10	6	104	1.14	0.045	21.2	0.835	460
1007SOOW	10	7	104	1.14	0.045	21.2	0.835	508
1010SOOW	10	10	104	1.14	0.045	27.2	1.071	714
1012SOOW	10	12	104	1.14	0.045	28.1	1.106	820
1016SOOW	10	16	104	1.14	0.045	31.2	1.228	1065
1020SOOW	10	20	104	1.14	0.045	35.2	1.386	1325

Product details and specifications are subject to manufacturing variations and accepted industry tolerances. Please contact your DWC Account Manager with questions or to confirm specific product requirements.

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