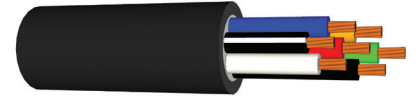


EPDM/CPE - Type SOOW Multi-Conductor

Portable Control Cable

UL: -40°C to 90°C, 600V

CSA: -40°C to 90°C, 600V



IEWC Part Number	AWG	No. of Conductors	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity ⁰¹
				in	mm	in	mm	lbs/1k ft	kg/km	
SO1805OW	18	5	16/30	0.030	0.8	0.465	11.8	141	210	6
SO1806OW		6	16/30	0.030	0.8	0.495	12.6	152	226	6
SO1807OW		7	16/30	0.030	0.8	0.520	13.2	172	256	6
SO1808OW		8	16/30	0.030	0.8	0.530	13.5	177	263	5
SO1809OW		9	16/30	0.030	0.8	0.555	14.1	189	281	5
SO1810OW		10	16/30	0.030	0.8	0.595	15.1	225	335	5
SO1812OW		12	16/30	0.030	0.8	0.600	15.2	240	357	4
SO1814OW		14	16/30	0.030	0.8	0.630	16.0	265	394	4
SO1816OW		16	16/30	0.030	0.8	0.700	17.8	310	461	4
SO1818OW		18	16/30	0.030	0.8	0.760	19.3	345	513	4
SO1820OW		20	16/30	0.030	0.8	0.795	20.2	382	568	4
SO1824OW		24	16/30	0.030	0.8	0.850	21.6	451	671	3
SO1830OW		30	16/30	0.030	0.8	0.915	23.2	533	793	3
SO1836OW		36	16/30	0.030	0.8	0.910	23.1	480	714	3
SO1605OW	16	5	26/30	0.030	0.8	0.495	12.6	167	248	8
SO1606OW		6	26/30	0.030	0.8	0.520	13.2	182	271	8
SO1607OW		7	26/30	0.030	0.8	0.540	13.7	194	289	8
SO1608OW		8	26/30	0.030	0.8	0.575	14.6	218	324	7
SO1609OW		9	26/30	0.030	0.8	0.600	15.2	243	362	7
SO1610OW		10	26/30	0.030	0.8	0.620	15.7	255	379	5
SO1612OW		12	26/30	0.030	0.8	0.660	16.8	296	440	5
SO1614OW		14	26/30	0.030	0.8	0.730	18.5	352	524	5
SO1616OW		16	26/30	0.030	0.8	0.740	18.8	383	570	5
SO1618OW		18	26/30	0.030	0.8	0.770	19.6	417	620	5
SO1620OW		20	26/30	0.030	0.8	0.810	20.6	457	680	5
SO1624OW		24	26/30	0.030	0.8	0.925	23.5	563	838	5
SO1626OW		26	26/30	0.030	0.8	0.965	24.5	611	909	5
SO1630OW		30	26/30	0.030	0.8	1.010	25.7	767	1,141	5
SO1636OW	36	26/30	0.030	0.8	1.070	27.2	724	1,077	4	
SO1637OW	37	26/30	0.030	0.8	1.065	27.1	798	1,187	4	
SO1405OW	14	5	41/30	0.045	1.1	0.645	16.4	269	400	12
SO1406OW		6	41/30	0.045	1.1	0.710	18.0	317	472	12
SO1407OW		7	41/30	0.045	1.1	0.710	18.0	347	516	12
SO1408OW		8	41/30	0.045	1.1	0.760	19.3	430	640	11
SO1409OW		9	41/30	0.045	1.1	0.830	21.1	417	620	11
SO1410OW		10	41/30	0.045	1.1	0.820	20.8	427	635	11
SO1412OW		12	41/30	0.045	1.1	0.855	21.7	493	734	8
SO1414OW		14	41/30	0.045	1.1	1.000	25.4	601	894	8
SO1416OW		16	41/30	0.045	1.1	1.030	26.2	678	1,009	8
SO1418OW		18	41/30	0.045	1.1	1.100	27.9	720	1,071	8
SO1420OW		20	41/30	0.045	1.1	1.120	28.4	806	1,199	8
SO1424OW		24	41/30	0.045	1.1	1.260	32.0	1,003	1,492	7
SO1430OW		30	41/30	0.045	1.1	1.335	33.9	1,153	1,716	6
SO1436OW		36	41/30	0.045	1.1	1.400	35.6	1,681	2,501	6
SO1437OW	37	41/30	0.045	1.1	1.400	35.6	1,681	2,501	6	

EPDM/CPE - Type SOOW Multi-Conductor continued on next page

IEWC Part Number	AWG	No. of Conductors	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity ⁰¹	
				in	mm	in	mm	lbs/1k ft	kg/km		
SO1205OW	12	5	65/30	0.045	1.1	0.715	18.2	333	496	16	
SO1206OW		6	65/30	0.045	1.1	0.740	18.8	412	613	16	
SO1207OW		7	65/30	0.045	1.1	0.790	20.1	465	692	16	
SO1208OW		8	65/30	0.045	1.1	0.825	21.0	526	783	14	
SO1209OW		9	65/30	0.045	1.1	0.900	22.9	517	769	14	
SO1210OW		10	65/30	0.045	1.1	1.000	25.4	649	966	14	
SO1212OW		12	65/30	0.045	1.1	1.010	25.7	669	995	10	
SO1214OS		14	65/30	0.045	1.1	1.020	25.9	731	1,088	10	
SO1216OW		16	65/30	0.045	1.1	1.135	28.8	933	1,388	10	
SO1218OW		18	65/30	0.045	1.1	1.175	29.8	920	1,369	10	
SO1220OW		20	65/30	0.045	1.1	1.170	29.7	989	1,472	10	
SO1224OW		24	65/30	0.045	1.1	1.435	36.4	1,273	1,894	9	
SO1226OW		26	65/30	0.045	1.1	1.380	35.1	1,324	1,970	9	
SO1230OW		30	65/30	0.045	1.1	1.455	37.0	1,492	2,220	9	
SO1236OW		36	65/30	0.045	1.1	1.530	38.9	1,573	2,341	8	
SO1237OW		37	65/30	0.045	1.1	1.535	39.0	1,749	2,603	8	
SO1005OW		10	5	104/30	0.045	1.1	0.770	19.6	472	702	20
SO1006OW			6	104/30	0.045	1.1	0.875	22.2	565	841	20
SO1007OW	7		104/30	0.045	1.1	0.900	22.9	552	821	20	
SO1008OW	8		104/30	0.045	1.1	0.935	23.7	682	1,015	18	
SO1009OW	9		104/30	0.045	1.1	0.965	24.5	667	992	18	
SO1010OW	10		104/30	0.045	1.1	1.020	25.9	758	1,128	18	
SO1012OW	12		104/30	0.045	1.1	1.070	27.2	871	1,296	13	
SO1016OW	16		104/30	0.045	1.1	1.230	31.2	1,147	1,707	13	
SO1020OW	20		104/30	0.045	1.1	1.325	33.7	1,445	2,150	13	
SO1024OW	24		104/30	0.045	1.1	1.440	36.6	1,636	2,434	11	
SO1026OW	26	103/30	0.045	1.1	1.540	39.1	1,620	2,411	11		
SO1030OW	30	104/30	0.045	1.1	1.580	40.1	1,973	2,936	11		
SO1036OW	36	103/30	0.045	1.1	1.740	44.2	2,232	3,321	10		
SO0805OW	8	5	133/29	0.060	1.5	1.075	27.3	795	1,183	28	
SO0605OW	6		133/27	0.060	1.5	1.200	30.5	1,123	1,671	36	
SO0405OW	4		133/25	0.060	1.5	1.365	34.7	1,587	2,361	48	
SO0205OW	2		133/23	0.060	1.5	1.580	40.1	2,240	3,333	64	

⁰¹SOOW ampacities are for general use with ambient temperature @ 30°C per NEC Table 400.5

Notes

- Soft-annealed, bare copper conductor
- Ethylene propylene diene monomer (EPDM) insulation
- Chlorinated polyethylene (CPE) jacket
- RoHS Compliant
- MSHA Approved
- Meets and exceeds type S, SO & S00
- Standard jacket color: black
- Conductor color code per ICEA Method 1, Table E-1 on <?>

Alternative Constructions

- 38 to 60 conductor constructions
- Coil cord

Applications

For use in control panel, manufacturing, tool and appliance applications. Rated for continuous use from -40°C up to 90°C.