

S00W Portable Power Cable - 105°C 600V



APPLICATION:

For use with portable tools, equipment, appliances, small motors and associated machinery, equipment exposed to oils, solvents, flame, moisture and other electrical equipment where flexibility and durability are required. Also is suitable for use indoors and outdoors. Suitable for applications up to 600 volts and for temperatures of -50°C to +105°C.

CONDUCTORS:

- Class K stranded annealed bare copper in accordance with ASTM B-174 and UL 62

SEPARATOR:

- Paper tape or talc for 18-10 AWG

INSULATION:

- Premium grade Ethylene Propylene Rubber (EPR) compound class 19, table 8, UL 62

JACKET:

- Overall yellow jacket of 105°C Chlorinated Polyethylene (CPE), which is oil, moisture and abrasion resistant. CPE compound class 1.12, table 11, UL 62

COLOR CODE:

- 3/C: black, white, green
- 4/C: black, white, red, green

STANDARDS:

- UL 62
- CSA C22.2 No. 49
- Flame test meets FT2, and MSHA
- VW-1

Part Number	Conductor Size	No. of Conductors	Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Weight lbs/kft	Ampacity** 30°C Ambient
	AWG		No./AWG	Inches	mm	Inches	mm	Inches	mm		
18-03S00W-YW-105DEG	18	3	16/30	0.030	0.76	0.060	1.52	0.360	9.14	74	10
18-04S00W-YW-105DEG	18	4	16/30	0.030	0.76	0.060	1.52	0.390	9.91	87	7
16-03S00W-YW-105DEG	16	3	26/30	0.030	0.76	0.060	1.52	0.390	9.91	90	13
16-04S00W-YW-105DEG	16	4	26/30	0.030	0.76	0.060	1.52	0.420	10.67	107	10
14-03S00W-YW-105DEG	14	3	41/30	0.045	1.14	0.080	2.03	0.520	13.21	161	18
14-04S00W-YW-105DEG	14	4	41/30	0.045	1.14	0.080	2.03	0.570	14.48	192	15
12-03S00W-YW-105DEG	12	3	65/30	0.045	1.14	0.095	2.41	0.590	14.99	217	25
12-04S00W-YW-105DEG	12	4	65/30	0.045	1.14	0.095	2.41	0.640	16.26	261	20
10-03S00W-YW-105DEG	10	3	103/30	0.045	1.14	0.095	2.41	0.660	16.76	281	30
10-04S00W-YW-105DEG	10	4	103/30	0.045	1.14	0.095	2.41	0.710	18.03	336	25

All values are nominal and subject to correction

** Ampacity values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalanced current from other conductors, is NOT counted in determining current carrying capacity.



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