



# SJOOW Copper 300V



## APPLICATIONS

Classic Wire Type SJOOW cords are suitable for indoor and outdoor use and are resistant to the effects of weather, water, and sunlight. These cords can be submerged in shallow water up to 60 °C. For small motors and associated machinery, portable tools and equipment.

## CONSTRUCTION

**Conductors:** Flexible fine stranded conductors.

**Insulation:** Heat, moisture and oil resistant EPDM rubber insulation.

**Assembly:** The insulated conductors are cabled with non-wicking wax paper fillers, with a tissue-paper separator wrapped around the assembly to promote easier removal of the jacket.

**Jacket:** A heat, moisture and oil resistant flexible CPE jacket is extruded over the assembly to complete the construction.

## CONDUCTOR IDENTIFICATION

**2 Conductors:** White, black

**3 Conductors:** White, black, green

**4 Conductors:** White, black, red, green

**5 Conductors:** White, black, red, orange, green

**VOLTAGE RATING:** 300 V

## TEMPERATURE RATING

Dry or Wet 90°C

## MINIMUM BENDING RADIUS

Not Under Tension: 4x outer diameter

Under Tension (During Pull): 6x outer diameter

## RATINGS AND MARKINGS

Marked VW-1

Marked FT2

RoHS Compliant

## STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- UL 62 & CSA C22.2 No. 49 – Flexible Cords and Cables

## LISTINGS AND CERTIFICATIONS

UL listed as Type SJOOW – File E477374

Item Number	Number of Insulated Conductors	Conductor			Thickness		Overall Diameter (in)	Weight	
		Size (AWG)	Strands	Diameter (in)	Insulation (in)	Jacket (in)		Cu (lb/1000 ft)	Net (lb/1000 ft)
18-02J000	2	18	16	0.047	0.030	0.030	0.311	10	58
18-03J000	3	18	16	0.047	0.030	0.030	0.329	15	69
18-04J000	4	18	16	0.047	0.030	0.030	0.357	20	83
18-05J000	5	18	16	0.047	0.030	0.030	0.388	25	99
16-02J000	2	16	26	0.061	0.030	0.030	0.340	16	73
16-03J000	3	16	26	0.061	0.030	0.030	0.360	24	87
16-04J000	4	16	26	0.061	0.030	0.030	0.392	32	106
16-05J000	5	16	26	0.061	0.030	0.030	0.427	41	128
14-02J000	2	14	41	0.080	0.030	0.030	0.377	26	93
14-03J000	3	14	41	0.080	0.030	0.030	0.400	38	113
14-04J000	4	14	41	0.080	0.030	0.030	0.437	51	139
14-05J000	5	14	41	0.080	0.030	0.030	0.477	64	168
12-02J000	2	12	65	0.092	0.030	0.045	0.431	41	129
12-03J000	3	12	65	0.092	0.030	0.045	0.456	61	157
12-04J000	4	12	65	0.092	0.030	0.045	0.497	81	193
12-05J000	5	12	65	0.092	0.030	0.045	0.540	101	233
10-02J000	2	10	104	0.120	0.045	0.060	0.571	65	220
10-03J000	3	10	104	0.120	0.045	0.060	0.640	97	266
10-04J000	4	10	104	0.120	0.045	0.060	0.659	130	328
10-05J000	5	10	104	0.120	0.045	0.060	0.718	162	396