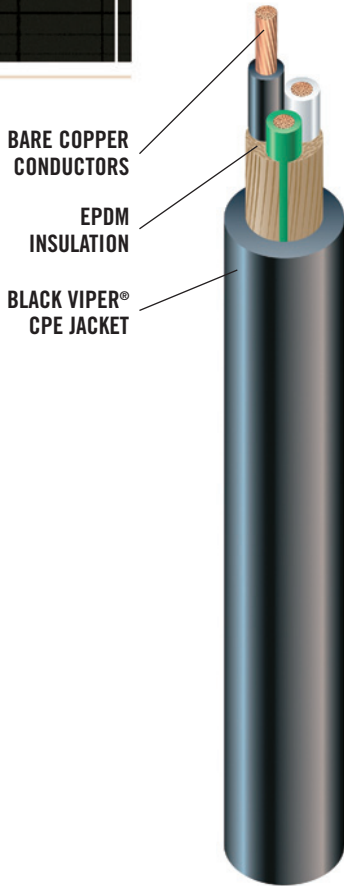


VIPER[®] TYPE SJ00W



APPLICATIONS

Southwire Type SJ00W Flexible Cords are permitted for use as specified by Article 400 and related articles of the National Electrical Code. Some typical applications for Type SJ00W Cords include wiring for portable tools, portable appliances, equipment, small motors and associated machinery.

INDUSTRY APPROVALS

- UL 62
- CSA Standard 22.2 No. 49
- MSHA flame resistance for Mining Applications (P-136-MSHA)
- Federal Specification J-C-580B
- NEC Article 400
- OSHA Acceptable
- RoHS

CONSTRUCTION

Southwire Type SJ00W Flexible Cords are manufactured using bare flexible stranded Class K copper conductors, with a heat, moisture and oil resistant EPDM rubber insulation. The insulated conductors are cabled with wax paper fillers, with a tissue-paper separator wrapped around the assembly to promote easier removal of the jacket. A heat, moisture and oil resistant flexible CPE jacket is extruded over the assembly to complete the construction. Sizes 18 through 10 AWG fully annealed stranded bare copper per ASTM B-174. Some sizes may be subject to minimum order quantity.

600 Volts

**Good Tensile Strength,
Elongation & Aging
Characteristics**

Black Jacket

-40°C to 90°C

RoHS Compliant

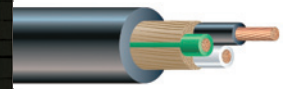
**UL Listed & CSA Certified
for Indoor & Outdoor Use**

**Provides Premium
Oil Resistance,
Water Resistance &
High Flexibility**

**Excellent Abrasion
Resistance**

**NEC, Rated
Extra-Hard Usage**







**ENTERTAINMENT
CABLE**

VIPER® TYPE SJ00W

WEIGHTS, MEASUREMENTS AND PACKAGING						
CONDUCTOR SIZE (AWG)	CONDUCTOR STRANDING #/AWG	NOMINAL INSULATION THICKNESS (inch)	NOMINAL JACKET THICKNESS (inch)	NOMINAL OVERALL DIAMETER (inch)	WEIGHT (lbs/1000 ft)	AMPACITY
18/2	16/30	0.030	0.030	0.290	48	10
18/3	16/30	0.030	0.030	0.310	59	10
18/4	16/30	0.030	0.030	0.335	72	7
16/2	26/30	0.030	0.030	0.315	61	13
16/3	26/30	0.030	0.030	0.335	75	13
16/4	26/30	0.030	0.030	0.360	92	10
14/2	41/30	0.030	0.030	0.345	79	18
14/3	41/30	0.030	0.030	0.370	98	18
14/4	41/30	0.030	0.030	0.405	121	15
12/2	65/30	0.030	0.045	0.415	123	25
12/3	65/30	0.030	0.045	0.435	144	25
12/4	65/30	0.030	0.045	0.475	180	20
10/2	104/30	0.045	0.060	0.555	187	30
10/3	104/30	0.045	0.060	0.580	246	30
10/4	104/30	0.045	0.060	0.640	305	25

Ampacity values are based on NEC Table 400.5(A).

# OF CONDUCTORS	COLOR SEQUENCE	COLOR CODING
2		black, white 
3		black, white, green 
4		black, white, red, green 