SJOOW

-40°C to +90°C, 300V



Construction
Conductor: Bare Copper · Flexible Stranded
Core Insulation: Extruded · EPDM
Cabling: Laid Up
Core Identification: Color-coded per Color Code Chart
Jacket: Extruded · CPE

Thermal Characteristics
Operating Temperature: -40°C to +90°C

Electrical Characteristics
Operating Voltage: 300V

Application
Portable Tools and Industrial Equipment: For portable power tools, mobile machinery and temporary industrial power connections, subject to the applicable service cord rating and installation conditions.
Industrial Automation: For power, signal or control connections within industrial automation systems, as specified for the selected cable construction.
Appliances and Pendant Power Connections: For portable appliances, commercial equipment, pendant fixtures and general-purpose power supply cords within the specified voltage and temperature ratings.

General Characteristics
Oil Resistance: Resistant to oil exposure, helping maintain the integrity of the cable covering in oily environments.
Weather Resistance: Resistant to weathering, helping maintain cable integrity under exposure to sunlight, moisture and changing weather conditions.
Low-Temperature Flexibility: Maintains flexibility at low temperatures, facilitating cable routing and handling in cold environments.
Abrasion Resistance: Resistant to abrasion, helping protect the cable surface against wear caused by rubbing and handling.

Standards & Approvals
UL 62: UL 62 Flexible Cords and Cables, Type SJOOW.
CSA C22.2 No. 49: cUL Flexible Cords and Cables, Type SJOOW.

Fire Performance
Fire Retardant: FT2

CASMO Part No.	Conductor			Min. Ins. Thickness (mm)	Cable			Max. DCR @20°C (Ω/km)
	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)		Min. Jkt. Thickness (mm)	Min. Overall O.D. (mm)	Max. Overall O.D. (mm)	
1114132C18	18/2	16	0.25	0.69	0.61	7.11	8.00	21.8
1114133C18	18/3	16	0.25	0.69	0.61	7.62	8.51	21.8
1114134C18	18/4	16	0.25	0.69	0.61	8.26	9.27	21.8
1114132C16	16/2	26	0.25	0.69	0.61	7.75	8.64	13.7
1114133C16	16/3	26	0.25	0.69	0.61	8.26	9.14	13.7
1114134C16	16/4	26	0.25	0.69	0.61	8.89	10.03	13.7
1114132C14	14/2	41	0.25	0.69	0.61	8.51	9.52	8.59
1114133C14	14/3	41	0.25	0.69	0.61	9.14	10.03	8.59
1114134C14	14/4	41	0.25	0.69	0.61	9.91	11.05	8.59
1114132C12	12/2	65	0.25	0.69	0.91	10.29	11.56	5.41
1114133C12	12/3	65	0.25	0.69	0.91	10.80	12.06	5.41
1114134C12	12/4	65	0.25	0.69	0.91	11.81	13.21	5.41
1114132C10	10/2	104	0.25	1.02	1.22	13.72	15.37	3.41

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

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1114133C10	10/3	104	0.25	1.02	1.22	14.35	16.13	3.41
1114134C10	10/4	104	0.25	1.02	1.22	15.88	17.78	3.41

COLOR CODE CHART					
Cond. #	Color	Cond. #	Color	Cond. #	Color
1	Black	3	Green		
2	White	4	Red		

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