casmocable
CABLES FOR EXTREMES

SJTW

-20°C to +105°C, 300V



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

Thermal Characteristics
Operating Temperature: -20°C to +105°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.
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
Weather Resistance: Resistant to weathering, helping maintain cable integrity under exposure to sunlight, moisture and changing weather conditions.
Moisture Resistance: Resistant to moisture and humidity, helping maintain the integrity of the cable covering in damp environments.
UV Resistance: Resistant to ultraviolet exposure, helping reduce surface deterioration caused by sunlight.
Flexibility: Flexible construction facilitates routing, bending and installation where space is limited.

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

Fire Performance
Fire Retardant: VW-1 / FT1

RoHS COMPLIANT · REACH COMPLIANT · UL · cUL

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)	
1114022C18	18/2	16	0.25	0.69	0.61	7.11	8.00	21.8
1114023C18	18/3	16	0.25	0.69	0.61	7.62	8.51	21.8
1114024C18	18/4	16	0.25	0.69	0.61	8.26	9.27	21.8
1114022C16	16/2	26	0.25	0.69	0.61	7.75	8.64	13.7
1114023C16	16/3	26	0.25	0.69	0.61	8.26	9.14	13.7
1114024C16	16/4	26	0.25	0.69	0.61	8.89	10.03	13.7
1114022C14	14/2	41	0.25	0.69	0.61	8.51	9.52	8.59
1114023C14	14/3	41	0.25	0.69	0.61	9.14	10.03	8.59
1114024C14	14/4	41	0.25	0.69	0.61	9.91	11.05	8.59
1114022C12	12/2	65	0.25	0.69	0.91	10.29	11.56	5.41
1114023C12	12/3	65	0.25	0.69	0.91	10.80	12.06	5.41
1114024C12	12/4	65	0.25	0.69	0.91	11.81	13.21	5.41
1114022C10	10/2	104	0.25	1.02	1.22	13.72	15.37	3.41
1114023C10	10/3	104	0.25	1.02	1.22	14.35	16.13	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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	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)		Min. Jkt. Thickness (mm)	Min. Overall O.D. (mm)	Max. Overall O.D. (mm)	
1114024C10	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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