STOW

-20°C to +105°C, 600V



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: 600V

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.

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.
Mechanical Strength: Provides mechanical strength to withstand handling and installation stresses and help maintain cable integrity.
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 STOW.
CSA C22.2 No. 49: cUL Flexible Cords and Cables, Type STOW.

Fire Performance
Fire Retardant: VW-1 / FT1

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)	
1114092C18	18/2	16	0.25	0.69	1.22	8.64	9.78	21.8
1114093C18	18/3	16	0.25	0.69	1.22	9.14	10.16	21.8
1114094C18	18/4	16	0.25	0.69	1.22	9.78	10.92	21.8
1114092C16	16/2	26	0.25	0.69	1.22	9.27	10.41	13.7
1114093C16	16/3	26	0.25	0.69	1.22	9.78	10.92	13.7
1114094C16	16/4	26	0.25	0.69	1.22	10.41	11.68	13.7
1114092C14	14/2	41	0.25	1.02	1.63	12.57	13.97	8.59
1114093C14	14/3	41	0.25	1.02	1.63	13.21	14.60	8.59
1114094C14	14/4	41	0.25	1.02	1.63	14.22	15.75	8.59
1114092C12	12/2	65	0.25	1.02	1.93	14.35	15.88	5.41
1114093C12	12/3	65	0.25	1.02	1.93	14.99	16.64	5.41
1114094C12	12/4	65	0.25	1.02	1.93	16.26	18.03	5.41
1114092C10	10/2	104	0.25	1.02	1.93	15.62	17.40	3.41
1114093C10	10/3	104	0.25	1.02	1.93	16.51	18.29	3.41
1114094C10	10/4	104	0.25	1.02	1.93	17.78	19.68	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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COLOR CODE CHART					
Cond. #	**Color**	**Cond. #**	**Color**	**Cond. #**	**Color**
1	Black	3	Green		
2	White	4	Red		

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