casmocable
CABLES FOR EXTREMES

UL 3122

-60°C to +200°C, 300V



Construction
Conductor: Nickel Plated Copper
Insulation: Extruded · Silicone rubber
Braid: Varnished fiberglass

Thermal Characteristics
Operating Temperature: -60°C to +200°C

Electrical Characteristics
Operating Voltage: 300V

Application
Internal wiring: Internal wiring of appliances and electronic equipment.
High-temperature equipment: High-temperature lead wiring for industrial controls, lighting fixtures, and heating appliances.

General Characteristics
Abrasion & Mechanical Protection: Outer fiberglass braid reinforces the silicone insulation against abrasion, cut-through, and mechanical wear.
High-Temperature Durability: Engineered for sustained high-temperature service in heating appliances, lighting, and industrial equipment.
Flexible Routing: Supple silicone core with treated glass braid allows clean routing in compact enclosures.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 3122.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 3122.

Fire Performance
Fire Retardant: VW-1 / FT1 / FT2

CASMO Part No.	Conductor				Insulation		Nom. Braid Thickness (mm)	Nom. O.D. (mm)	Max. DCR @20°C (Ω/km)	Nom. Cable Weight (kg/km)
	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)	Nom. Conductor Dia. (mm)	Nom. Ins. Thickness (mm)	Min. Ins. Thickness (mm)				
3210126/7-NS2-XX	26	7	0.16	0.48	0.38	0.33	0.17	1.6	153	3.8
3210124/11-NS2-XX	24	11	0.16	0.61	0.38	0.33	0.17	1.71	96.0	5
3210124/19-NS2-XX	24	19	0.127	0.64	0.38	0.33	0.17	1.71	96.0	5.23
3210122/7-NS2-XX	22	7	0.254	0.76	0.38	0.33	0.17	1.86	60.4	6.75
3210122/17-NS2-XX	22	17	0.16	0.76	0.38	0.33	0.17	1.86	60.4	6.75
3210120/19-NS2-XX	20	19	0.2	1	0.38	0.33	0.17	2.05	37.9	10

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)	Nom. Conductor Dia. (mm)	Nom. Ins. Thickness (mm)	Min. Ins. Thickness (mm)				
3210120/26-NS2-XX	20	26	0.16	0.94	0.38	0.33	0.17	2.05	37.9	9.3
3210120/41-NS2-XX	20	41	0.127	0.94	0.38	0.33	0.17	2.05	37.9	9.3
3210118/19-NS2-XX	18	19	0.254	1.27	0.38	0.33	0.17	2.28	23.9	14.64
3210118/41-NS2-XX	18	41	0.16	1.18	0.38	0.33	0.17	2.28	23.9	13.31
3210116/26-NS2-XX	16	26	0.254	1.49	0.38	0.33	0.17	2.6	15.0	19.78
3210116/65-NS2-XX	16	65	0.16	1.5	0.38	0.33	0.17	2.6	15.0	19.96

Table Notes

* Part No. code: XX = colour code — BK Black, WH White, RD Red, GN Green, BN Brown, BL Blue, OR Orange, YW Yellow, VT Violet, GY Grey, PK Pink, TN Tan, CL Clear.

† "-NS2-" = nickel-plated copper conductor with FT2 flame rating (standard). "-NS1-" = nickel-plated copper conductor with VW-1 / FT1 flame rating (optional).

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