casmocable
CABLES FOR EXTREMES

UL 3071

-60°C to +200°C, 600V



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: 600V

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 3071.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 3071.

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)				
3210418/19-NS2-XX	18	19	0.254	1.27	0.76	0.69	0.17	3.04	23.9	18.45
3210418/41-NS2-XX	18	41	0.16	1.18	0.76	0.69	0.17	3.04	23.9	17.12
3210416/26-NS2-XX	16	26	0.254	1.49	0.76	0.69	0.17	3.36	15.0	24.05
3210416/65-NS2-XX	16	65	0.16	1.5	0.76	0.69	0.17	3.36	15.0	24.23
3210414/41-NS2-XX	14	41	0.254	1.88	0.76	0.69	0.17	3.74	9.45	34.53
3210414/104-NS2-XX	14	104	0.16	1.89	0.76	0.69	0.17	3.74	9.45	34.76

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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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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