UL 3075

-60°C to +200°C, 600V



Construction
Conductor: Nickel Plated Copper · Stranded
Insulation: Extruded · Silicone rubber
Braid: Fiberglass

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

Electrical Characteristics
Operating Voltage: 600V

Application
Internal Equipment Wiring: For internal wiring of electrical and electronic equipment, subject to the applicable voltage, temperature and installation requirements.
Appliances: For internal wiring of household and commercial appliances, subject to the applicable equipment requirements.
Control Cabinets: For wiring within control cabinets, control panels and electrical assemblies.

General Characteristics
Abrasion Resistance: Resistant to abrasion, helping protect the cable surface against wear caused by rubbing and handling.
Low-Temperature Flexibility: Maintains flexibility at low temperatures, facilitating cable routing and handling in cold environments.
Moisture Resistance: Resistant to moisture and humidity, helping maintain the integrity of the cable covering in damp environments.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 3075.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 3075.

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)
	Conductor Size (AWG)	No. Of Strands	Nom. Strand Dia. (mm)	Nom. Conductor Dia. (mm)	Nom. Ins. Thickness (mm)	Min. Ins. Thickness (mm)			
3210510/105-NS2-XX	10	105	0.254	3.00	1.14	1.02	0.11	5.50	3.68

Table Notes

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

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.

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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