casmocable
CABLES FOR EXTREMES

UL 3068

-60°C to +150°C, 300V



Construction
Conductor: Tinned Copper or Bare Copper
Insulation: Extruded · Silicone rubber
Braid: Varnished fiberglass

Thermal Characteristics
Operating Temperature: -60°C to +150°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 3068.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 3068.

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)				
3110226/7-TS2-XX	26	7	0.16	0.48	0.38	0.33	0.17	1.6	150	3.8
3110224/11-TS2-XX	24	11	0.16	0.61	0.38	0.33	0.17	1.71	94.2	5
3110224/19-TS2-XX	24	19	0.127	0.64	0.38	0.33	0.17	1.71	94.2	5.23
3110222/7-TS2-XX	22	7	0.254	0.76	0.38	0.33	0.17	1.86	59.4	6.75
3110222/17-TS2-XX	22	17	0.16	0.76	0.38	0.33	0.17	1.86	59.4	6.75
3110220/19-TS2-XX	20	19	0.2	1	0.38	0.33	0.17	2.05	36.7	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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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)				
3110220/26-TS2-XX	20	26	0.16	0.94	0.38	0.33	0.17	2.05	36.7	9.3
3110220/41-TS2-XX	20	41	0.127	0.94	0.38	0.33	0.17	2.05	36.7	9.3
3110218/19-TS2-XX	18	19	0.254	1.27	0.38	0.33	0.17	2.28	23.2	14.64
3110218/41-TS2-XX	18	41	0.16	1.18	0.38	0.33	0.17	2.28	23.2	13.31
3110216/26-TS2-XX	16	26	0.254	1.49	0.38	0.33	0.17	2.6	14.6	19.78
3110216/65-TS2-XX	16	65	0.16	1.5	0.38	0.33	0.17	2.6	14.6	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.

† "-TS2-" = tinned copper conductor with FT2 flame rating (standard). "-TS1-" = tinned copper conductor with VW-1 / FT1 flame rating (optional).

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