casmocable
CABLES FOR EXTREMES

UL 1887

-60°C to +150°C, 600V



Construction
Conductor: Tinned Copper or Bare Copper
Insulation: Extruded · FEP

Thermal Characteristics
Operating Temperature: -60°C to +150°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
Thermal & Soldering Stability: Superior high-temperature stability with zero melt-back or shrinkage during soldering.
Chemical & Solvent Inertness: Exceptional resistance to oils, fuels, acids, alkalis, and aggressive industrial solvents.
Low Dielectric Loss: Low dielectric constant and high dielectric strength for reliable signal and power integrity.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 1887.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 1887.

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

RoHS COMPLIANT · REACH COMPLIANT

CASMO Part No.	Conductor				Insulation		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)			
1311130/7-TS-XX	30	7	0.1	0.3	0.36	0.33	1.02	381	2.03
1311128/7-TS-XX	28	7	0.127	0.38	0.36	0.33	1.1	239	2.52
1311126/7-TS-XX	26	7	0.16	0.48	0.36	0.33	1.2	150	3.65
1311124/11-TS-XX	24	11	0.16	0.61	0.36	0.33	1.36	94.2	4.82
1311124/19-TS-XX	24	19	0.127	0.64	0.36	0.33	1.36	94.2	5.02
1311122/7-TS-XX	22	7	0.254	0.76	0.36	0.33	1.48	59.4	6.61
1311122/17-TS-XX	22	17	0.16	0.76	0.36	0.33	1.48	59.4	6.61
1311120/19-TS-XX	20	19	0.2	1	0.36	0.33	1.72	36.7	9.89
1311120/26-TS-XX	20	26	0.16	0.94	0.36	0.33	1.72	36.7	9.27
1311120/41-TS-XX	20	41	0.127	0.94	0.36	0.33	1.72	36.7	9.27
1311118/19-TS-XX	18	19	0.254	1.27	0.36	0.33	1.99	23.2	14.63
1311118/41-TS-XX	18	41	0.16	1.18	0.36	0.33	1.99	23.2	13.47
1311116/26-TS-XX	16	26	0.254	1.49	0.36	0.33	2.22	14.6	19.93
1311116/65-TS-XX	16	65	0.16	1.5	0.36	0.33	2.22	14.6	20.08
1311114/41-TS-XX	14	41	0.254	1.88	0.36	0.33	2.61	8.96	30.12
1311114/104-TS-XX	14	104	0.16	1.89	0.36	0.33	2.61	8.96	30.32
1311112/65-TS-XX	12	65	0.254	2.36	0.36	0.33	3.32	5.64	48.1
1311112/168-TS-XX	12	168	0.16	2.37	0.36	0.33	3.32	5.64	48.35

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

© CASMO CABLE LLC. All rights reserved.

UL 1887

-60°C to +150°C, 600V



CASMO Part No.	Conductor				Insulation		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)			
1311110/105-TS-XX	10	105	0.254	2.98	0.36	0.33	3.7	3.54	68.8
1311110/259-TS-XX	10	259	0.16	2.97	0.36	0.33	3.7	3.54	68.58
131118/168-TS-XX	8	168	0.254	3.8	0.51	0.46	4.82	2.23	115.3
131118/420-TS-XX	8	420	0.16	3.78	0.51	0.46	4.82	2.23	114.87
131116/266-TS-XX	6	266	0.254	4.75	0.51	0.46	5.79	1.4	176.05
131116/665-TS-XX	6	665	0.16	4.75	0.51	0.46	5.79	1.4	176.05

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.

† "-TS-" = tinned copper conductor, "-AS-" = bare copper conductor; TS and AS may be substituted for each other.

Please confirm application-specific requirements with CASMO before ordering. Specifications are subject to change; please ensure you are using the latest revision.

© CASMO CABLE LLC. All rights reserved.