casmocable
CABLES FOR EXTREMES

UL 10086

-60°C to +200°C, 600V



Construction
Conductor: Silver Plated Copper or Nickel Plated Copper
Insulation: Extruded · ETFE

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
Mechanical Toughness: High-strength fluoropolymer insulation with superior abrasion, cut-through, and pinch resistance.
Chemical & Fluid Resistance: Excellent resistance to oils, fuels, solvents, and harsh industrial chemicals.
Lightweight & Compact: Thin-wall fluoropolymer profile reduces harness bulk and weight in tight routing spaces.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 10086.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 10086.

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)			
1311432/7-SS-XX	32	7	0.08	0.24	0.25	0.23	0.75	595	1.08
1311430/7-SS-XX	30	7	0.1	0.3	0.25	0.23	0.85	381	1.47
1311428/7-SS-XX	28	7	0.127	0.38	0.25	0.23	0.9	239	1.9
1311426/7-SS-XX	26	7	0.16	0.48	0.25	0.23	1	150	2.64
1311424/11-SS-XX	24	11	0.16	0.61	0.25	0.23	1.15	94.2	3.87
1311424/19-SS-XX	24	19	0.127	0.64	0.25	0.23	1.15	94.2	4.08
1311422/7-SS-XX	22	7	0.254	0.76	0.25	0.23	1.3	59.4	5.52
1311422/17-SS-XX	22	17	0.16	0.76	0.25	0.23	1.3	59.4	5.52
1311420/19-SS-XX	20	19	0.2	1	0.25	0.23	1.5	36.7	8.45
1311420/26-SS-XX	20	26	0.16	0.94	0.25	0.23	1.5	36.7	7.8
1311420/41-SS-XX	20	41	0.127	0.94	0.25	0.23	1.5	36.7	7.8
1311418/19-SS-XX	18	19	0.254	1.27	0.25	0.23	1.77	23.2	12.97
1311418/41-SS-XX	18	41	0.16	1.18	0.25	0.23	1.77	23.2	11.72
1311416/26-SS-XX	16	26	0.254	1.49	0.25	0.23	2	14.6	17.88
1311416/65-SS-XX	16	65	0.16	1.5	0.25	0.23	2	14.6	18.05
1311414/41-SS-XX	14	41	0.254	1.88	0.25	0.23	2.4	8.96	27.65
1311414/104-SS-XX	14	104	0.16	1.89	0.25	0.23	2.4	8.96	27.86
1311412/65-SS-XX	12	65	0.254	2.36	0.38	0.33	3.15	5.64	44.7

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 10086

-60°C to +200°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)			
1311412/168-SS-XX	12	168	0.16	2.37	0.38	0.33	3.15	5.64	44.97
1311410/105-SS-XX	10	105	0.254	2.98	0.38	0.33	3.75	3.54	69.83
1311410/259-SS-XX	10	259	0.16	2.97	0.38	0.33	3.75	3.54	68.59

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.

† "-SS-" = silver-plated copper conductor (standard for 200°C). "-NS-" = nickel-plated copper conductor (optional).

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.