casmocable
CABLES FOR EXTREMES

UL 1330

-60°C to +200°C, 600V



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

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
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 1330.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 1330.

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)			
1311030/7-SS-XX	30	7	0.1	0.3	0.51	0.46	1.32	381	3.42
1311028/7-SS-XX	28	7	0.127	0.38	0.51	0.46	1.4	239	4.07
1311026/7-SS-XX	26	7	0.16	0.48	0.51	0.46	1.5	150	5.02
1311024/11-SS-XX	24	11	0.16	0.61	0.51	0.46	1.66	94.2	6.4
1311024/19-SS-XX	24	19	0.127	0.64	0.51	0.46	1.66	94.2	6.6
1311022/7-SS-XX	22	7	0.254	0.76	0.51	0.46	1.78	59.4	8.41
1311022/17-SS-XX	22	17	0.16	0.76	0.51	0.46	1.78	59.4	8.41
1311020/19-SS-XX	20	19	0.2	1	0.51	0.46	2.02	36.7	11.91
1311020/26-SS-XX	20	26	0.16	0.94	0.51	0.46	2.02	36.7	11.3
1311020/41-SS-XX	20	41	0.127	0.94	0.51	0.46	2.02	36.7	11.3
1311018/19-SS-XX	18	19	0.254	1.27	0.51	0.46	2.29	23.2	16.94
1311018/41-SS-XX	18	41	0.16	1.18	0.51	0.46	2.29	23.2	15.77
1311016/26-SS-XX	16	26	0.254	1.49	0.51	0.46	2.52	14.6	22.48
1311016/65-SS-XX	16	65	0.16	1.5	0.51	0.46	2.52	14.6	22.63
1311014/41-SS-XX	14	41	0.254	1.88	0.51	0.46	2.91	8.96	32.91
1311014/104-SS-XX	14	104	0.16	1.89	0.51	0.46	2.91	8.96	33.11
1311012/65-SS-XX	12	65	0.254	2.36	0.51	0.46	3.4	5.64	49
1311012/168-SS-XX	12	168	0.16	2.37	0.51	0.46	3.4	5.64	49.25

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. 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)			
1311010/105-SS-XX	10	105	0.254	2.98	0.51	0.46	4.06	3.54	74.75
1311010/259-SS-XX	10	259	0.16	2.97	0.51	0.46	4.06	3.54	74.53
131108/168-SS-XX	8	168	0.254	3.8	0.76	0.69	5.59	2.23	128.84
131108/420-SS-XX	8	420	0.16	3.78	0.76	0.69	5.59	2.23	128.4
131106/266-SS-XX	6	266	0.254	4.75	0.76	0.69	6.27	1.4	179.62
131106/665-SS-XX	6	665	0.16	4.75	0.76	0.69	6.27	1.4	179.62
131104/133-SS-XX	4	133	0.45	5.98	0.76	0.69	7.5	0.9	284.03
131104/420-SS-XX	4	420	0.254	5.98	0.76	0.69	7.5	0.9	284.03
131104/1064-SS-XX	4	1064	0.16	5.98	0.76	0.69	7.5	0.9	284.03
131102/665-SS-XX	2	665	0.254	8.10	0.76	0.69	9.65	0.56	400.51
131102/1665-SS-XX	2	1665	0.16	8.10	0.76	0.69	9.65	0.56	400.51

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).

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