UL 1213

-60°C to +105°C



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

Thermal Characteristics
Operating Temperature: -60°C to +105°C

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 1213.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 1213.

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

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)			
1312132/7-TS-XX	32	7	0.08	0.24	0.2	0.18	0.76	595	1.28
1312130/7-TS-XX	30	7	0.1	0.3	0.2	0.18	0.81	381	1.58
1312128/7-TS-XX	28	7	0.127	0.38	0.2	0.18	0.89	239	2.1
1312126/7-TS-XX	26	7	0.16	0.48	0.2	0.18	1	150	2.91
1312124/11-TS-XX	24	11	0.16	0.61	0.2	0.18	1.13	94.2	4.13
1312124/19-TS-XX	24	19	0.127	0.64	0.2	0.18	1.13	94.2	4.32
1312122/7-TS-XX	22	7	0.254	0.76	0.2	0.18	1.3	59.4	5.91
1312122/17-TS-XX	22	17	0.16	0.76	0.2	0.18	1.3	59.4	5.91
1312120/19-TS-XX	20	19	0.2	1	0.2	0.18	1.5	36.7	9.09
1312120/26-TS-XX	20	26	0.16	0.94	0.2	0.18	1.5	36.7	8.48
1312120/41-TS-XX	20	41	0.127	0.94	0.2	0.18	1.5	36.7	8.48
1312118/19-TS-XX	18	19	0.254	1.27	0.2	0.18	1.75	23.2	13.71
1312118/41-TS-XX	18	41	0.16	1.18	0.2	0.18	1.75	23.2	12.54
1312116/26-TS-XX	16	26	0.254	1.49	0.2	0.18	2	14.6	18.51
1312116/65-TS-XX	16	65	0.16	1.5	0.2	0.18	2	14.6	18.66
1312114/41-TS-XX	14	41	0.254	1.88	0.2	0.18	2.41	8.96	28.52
1312114/104-TS-XX	14	104	0.16	1.89	0.2	0.18	2.41	8.96	28.72
1312112/65-TS-XX	12	65	0.254	2.36	0.2	0.18	2.9	5.64	43.68
1312112/168-TS-XX	12	168	0.16	2.37	0.2	0.18	2.9	5.64	43.93

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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.

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