UL 3271

-40°C to +125°C, 600V



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

Thermal Characteristics
Operating Temperature: -40°C to +125°C

Electrical Characteristics
Operating Voltage: 600V

Application
Internal wiring: Internal wiring of appliances and electronic equipment.

General Characteristics
Abrasion & Cut-Through Resistance: Tough cross-linked insulation with excellent resistance to abrasion, deformation, and cut-through.
Soldering Heat Resistance: Thermoset cross-linked insulation will not melt or flow at soldering temperatures.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 3271.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 3271.

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)			
410630/7-TS2-XX	30	7	0.1	0.3	0.76	0.69	1.9	381	3.06
410628/7-TS2-XX	28	7	0.127	0.38	0.76	0.69	2	239	3.6
410626/7-TS2-XX	26	7	0.16	0.48	0.76	0.69	2.1	150	4.3
410624/11-TS2-XX	24	11	0.16	0.61	0.76	0.69	2.2	94.2	5.23
410624/19-TS2-XX	24	19	0.127	0.64	0.76	0.69	2.2	94.2	5.38
410622/7-TS2-XX	22	7	0.254	0.76	0.76	0.69	2.4	59.4	6.94
410622/17-TS2-XX	22	17	0.16	0.76	0.76	0.69	2.4	59.4	6.82
410620/19-TS2-XX	20	19	0.2	1	0.76	0.69	2.6	36.7	9.51
410620/26-TS2-XX	20	26	0.16	0.94	0.76	0.69	2.6	36.7	8.94
410620/41-TS2-XX	20	41	0.127	0.94	0.76	0.69	2.6	36.7	8.91
410618/19-TS2-XX	18	19	0.254	1.27	0.76	0.69	2.8	23.2	13.11
410618/41-TS2-XX	18	41	0.16	1.18	0.76	0.69	2.8	23.2	12.04
410616/26-TS2-XX	16	26	0.254	1.49	0.76	0.69	3.1	14.6	17.11
410616/65-TS2-XX	16	65	0.16	1.5	0.76	0.69	3.1	14.6	16.99
410614/41-TS2-XX	14	41	0.254	1.88	0.76	0.69	3.5	8.96	24.84
410614/104-TS2-XX	14	104	0.16	1.89	0.76	0.69	3.5	8.96	24.93
410612/65-TS2-XX	12	65	0.254	2.36	0.76	0.69	4	5.64	36.9
410612/168-TS2-XX	12	168	0.16	2.37	0.76	0.69	4	5.64	37.61
410610/105-TS2-XX	10	105	0.254	2.98	0.76	0.69	4.7	3.54	54.89
410610/259-TS2-XX	10	259	0.16	2.97	0.76	0.69	4.7	3.54	55.99

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 3271

-40°C to +125°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)			
41068/168-TS2-XX	8	168	0.254	3.8	1.14	1.02	6.5	2.23	94.91
41068/420-TS2-XX	8	420	0.16	3.78	1.14	1.02	6.5	2.23	95.5
41066/266-TS2-XX	6	266	0.254	4.75	1.14	1.02	7.7	1.4	146.65
41066/665-TS2-XX	6	665	0.16	4.75	1.14	1.02	7.7	1.4	145.69
41064/133-TS2-XX	4	133	0.45	5.98	1.14	1.02	9.1	0.9	222.41
41064/420-TS2-XX	4	420	0.254	5.98	1.14	1.02	9.1	0.9	223.56
41064/1064-TS2-XX	4	1064	0.16	5.98	1.14	1.02	9.1	0.9	224.55
41062/665-TS2-XX	2	665	0.254	8.10	1.14	1.02	11.1	0.56	336.9
41062/1665-TS2-XX	2	1665	0.16	8.10	1.14	1.02	11.1	0.56	334.96

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).

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.