casmocable
CABLES FOR EXTREMES

UL 1007 / 1569



UL 1007: -20°C to +80°C, 300V
UL 1569: -20°C to +105°C, 300V

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

Thermal Characteristics
Operating Temperature: -20°C to +80°C (1007)
Operating Temperature: -20°C to +105°C (1569)

Electrical Characteristics
Operating Voltage: 300V (1007)
Operating Voltage: 300V (1569)

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

General Characteristics
Oil & Fluid Resistance: Good resistance to oils, greases, and common industrial fluids.
Flexible: Flexible stranded construction for easy routing and installation in confined spaces.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Styles 1007 and 1569.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Styles 1007 and 1569.

Fire Performance
Fire Retardant: VW-1 / FT1

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)			
412630/7-TS-XX	30	7	0.1	0.3	0.38	0.33	1.1	381	1.81
412628/7-TS-XX	28	7	0.127	0.38	0.38	0.33	1.2	239	2.25
412626/7-TS-XX	26	7	0.16	0.48	0.38	0.33	1.3	150	2.91
412624/11-TS-XX	24	11	0.16	0.61	0.38	0.33	1.4	94.2	3.87
412624/19-TS-XX	24	19	0.127	0.64	0.38	0.33	1.4	94.2	3.87
412622/7-TS-XX	22	7	0.254	0.76	0.38	0.33	1.6	59.4	5.23
412622/17-TS-XX	22	17	0.16	0.76	0.38	0.33	1.6	59.4	5.23
412620/19-TS-XX	20	19	0.2	1	0.38	0.33	1.8	36.7	7.19
412620/26-TS-XX	20	26	0.16	0.94	0.38	0.33	1.8	36.7	7.19
412620/41-TS-XX	20	41	0.127	0.94	0.38	0.33	1.8	36.7	7.19
412618/19-TS-XX	18	19	0.254	1.27	0.38	0.33	2.1	23.2	10.35
412618/41-TS-XX	18	41	0.16	1.18	0.38	0.33	2.1	23.2	10.35
412616/26-TS-XX	16	26	0.254	1.49	0.38	0.33	2.4	14.6	15.35
412616/65-TS-XX	16	65	0.16	1.5	0.38	0.33	2.4	14.6	15.26
412614/41-TS-XX	14	41	0.254	1.88	0.38	0.33	2.8	8.96	23.14
412614/104-TS-XX	14	104	0.16	1.89	0.38	0.33	2.8	8.96	23.22
412612/65-TS-XX	12	65	0.254	2.36	0.38	0.33	3.3	5.64	35.05
412612/168-TS-XX	12	168	0.16	2.37	0.38	0.33	3.3	5.64	35.74
412610/105-TS-XX	10	105	0.254	2.98	0.38	0.33	3.90	3.54	54.16

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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UL 1569: -20°C to +105°C, 300V

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)			
412610/259-TS-XX	10	259	0.16	2.97	0.38	0.33	3.90	3.54	53.22

Table Notes

* -40°C versions are available on special request.

† 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.

§ UL 1007 covers up to 16 AWG; sizes 14 AWG to 10 AWG are covered under UL 1569 only.

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