UL 11856

-40°C to +105°C, 1000V



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

Thermal Characteristics
Operating Temperature: -40°C to +105°C

Electrical Characteristics
Operating Voltage: 1000V

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

General Characteristics
Flexible & Resilient: Elastomeric TPE insulation delivers supple flexibility and good flex-life in compact wiring assemblies.
Abrasion & Pinch Resistance: Tough thermoplastic elastomer resists abrasion, pinching, and cold-temperature cracking.

Standards & Approvals
UL 758: UL 758 Appliance Wiring Material, Style 11856.
CSA C22.2 No. 210: cUL Appliance Wiring Material, Style 11856.

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)			
12210430/7-TS2-XX	30	7	0.1	0.3	0.23	0.2	0.8	381	1.04
12210428/7-TS2-XX	28	7	0.127	0.38	0.23	0.2	0.9	239	1.5
12210426/7-TS2-XX	26	7	0.16	0.48	0.23	0.2	1	150	2.18
12210424/11-TS2-XX	24	11	0.16	0.61	0.23	0.2	1.1	94.2	3.22
12210424/19-TS2-XX	24	19	0.127	0.64	0.23	0.2	1.1	94.2	3.46
12210422/7-TS2-XX	22	7	0.254	0.76	0.23	0.2	1.3	59.4	4.86
12210422/17-TS2-XX	22	17	0.16	0.76	0.23	0.2	1.3	59.4	4.86
12210420/19-TS2-XX	20	19	0.2	1	0.23	0.2	1.5	36.7	7.91
12210420/26-TS2-XX	20	26	0.16	0.94	0.23	0.2	1.5	36.7	7.19
12210420/41-TS2-XX	20	41	0.127	0.94	0.23	0.2	1.5	36.7	7.19
12210418/19-TS2-XX	18	19	0.254	1.27	0.23	0.2	1.8	23.2	12.48
12210418/41-TS2-XX	18	41	0.16	1.18	0.23	0.2	1.8	23.2	11.1
12210416/26-TS2-XX	16	26	0.254	1.49	0.23	0.2	2.2	14.6	17.46
12210416/65-TS2-XX	16	65	0.16	1.5	0.23	0.2	2.2	14.6	17.64

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.

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